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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

SEPTEMBER 1979

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COMMONWEALTH OF PENNSYLVANIA   DEPARTMENT OF LABOR AND INDUSTRY   BUREAU OF EMPLOYMENT SECURITY

- EXPLANATORY -

INDUSTRY EMPLOYMENT

Employment data, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives."

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing to:
PENNSYLVANIA BUREAU OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING-ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717-787-3129

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PENNSYLVANIA EMPLOYMENT & EARNINGS

AUGUST 1979

Unemployment continued to increase in August. Both adjusted and unadjusted estimates indicated a dwindling demand for workers. The unadjusted data showed 373,000 jobless persons during this period and represented 7.0 percent of the civilian labor force - an increase of .7 percent over the month and a half-percent higher than a year ago. Seasonal adjustments placed the jobless picture in an even more serious light, with a rate of 7.3 percent - or 385,000 unemployed persons. This was a full percent above July and showed the same year ago comparison as did the unadjusted figures.

Total resident employment was estimated at 4,977,000 - down 81,000 during this period. It did, however, show a higher level than August a year ago.

LABOR DISPUTES STRONGLY AFFECT FACTORY JOB COUNTS

7,900 factory jobs were lost during August. This resulted in a downward movement in manufacturing employment - seldom seen at this time of the year.

Two significant factors prevented the normal increase in factory employment anticipated for the July-August cycle. A major strike in the ELECTRICAL MACHINERY industry threw an estimated 15,000 workers off the payrolls during the 50 day walkout. Concomitantly, an estimated 3,000 APPAREL workers on vacation in July were not recalled in August due to an industry wide slump in orders. To a lesser degree, labor-management disputes also adversely influenced the NONELECTRICAL MACHINERY group, STONE, CLAY AND GLASS industries and TRANSPORTATION EQUIPMENT.

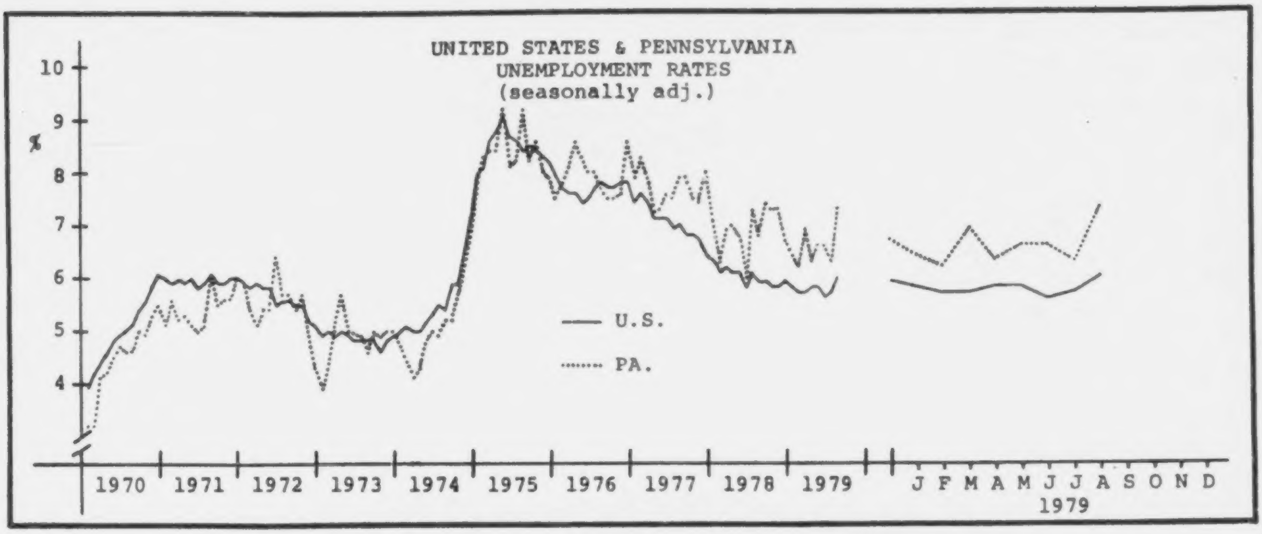
The growing incidence of layoffs and recalls during July might well be pointing to unsteady employment conditions in Pennsylvania factories while the decline in quits and new hires is strong evidence of a constricting job market. Separations as a whole increased 18 percent during the month. The employment situation suggested further deterioration, with an 11 percent decline in accessions. In both durable and nondurable industries the new hire and quit rates were down.

FACTORY EARNINGS CLIMB

Earnings climbed nine cents an hour in August for Pennsylvania's more than 993,000 factory production workers. These increases were, as might be expected, more prominent in durable industries than in nondurables. Rate increases in PRIMARY METALS and premium paid hours in other industries had a significant impact on the averages. The workweek fluctuated among the industry lines but on the whole ended on the down-side. Production workers averaged $7.04 an hour for a 39.7 hour week (a loss of twelve minutes). Nationally, the hourly rate stood at $6.68, showing a three cent loss while the workweek remained a stable 40.0.

NONMANUFACTURING JOB LEVELS REMAIN STABLE

Nonmanufacturing employment, totaling 3,323,000 dipped in August. This drop of 1,200 was minimal, however, with no particular industry showing significant strength or weakness. RETAIL TRADE lost 600 jobs, the sharpest single decline. Only two divisions, TRANSPORTATION AND PUBLIC UTILITIES and FINANCE showed any gains and these were practically negligible. Over the year, GOVERNMENT jobs declined by more than 22,000, CONSTRUCTION and RETAIL TRADE showed sizable losses, 15,200 and 12,500 respectively, while SERVICES gained nearly 25,000 and FINANCE, INSURANCE AND REAL ESTATE, 11,000.



EMPLOYMENT DATA IN THIS PUBLICATION HAVE BEEN REVISED TO FIRST QUARTER 1978 BENCHMARKS, AND ARE THEREFORE, NOT STRICTLY COMPARABLE WITH FIGURES PUBLISHED PRIOR TO JANUARY 1977. DATA ARE BASED ON INDUSTRY CLASSIFICATION IN ACCORDANCE WITH THE REVISED 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL.

On all tables data for most recent month are preliminary and subject to revision.

ADDITIONAL NOTATION ON PAGE 13

Table 1. Resident Employment, Unemployment and Unemployed Rate (Thousands)

PENNSYLVANIA						UNITED STATES				
Year	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %
1961	4,508.0	4,080.9	427.1	9.5		70,459.0	65,746.0	4,714.0	6.7	
1962	4,474.2	4,110.5	363.7	8.1		70,614.0	66,702.0	3,911.0	5.5	
1963	4,422.9	4,090.0	332.9	7.5		71,833.0	67,762.0	4,070.0	5.7	
1964	4,430.9	4,155.2	275.7	6.2		73,091.0	69,305.0	3,786.0	5.2	
1965	4,469.3	4,263.4	205.9	4.6		74,455.0	71,088.0	3,366.0	4.5	
1966	4,558.3	4,395.0	163.3	3.6		75,770.0	72,895.0	2,875.0	3.8	
1967	4,637.0	4,467.0	170.0	3.7		77,347.0	74,372.0	2,975.0	3.8	
1968	4,634.0	4,475.0	159.0	3.4		78,737.0	75,920.0	2,817.0	3.6	
1969	4,720.0	4,566.0	154.0	3.3		80,734.0	77,902.0	2,832.0	3.5	
1970	4,833.0	4,618.0	215.0	4.4		82,715.0	78,627.0	4,088.0	4.9	
1971	4,803.0	4,543.0	260.0	5.4		84,113.0	79,120.0	4,993.0	5.9	
1972	4,875.0	4,609.0	265.0	5.4		86,542.0	81,702.0	4,840.0	5.6	
1973	4,988.0	4,747.0	241.0	4.8		88,714.0	84,409.0	4,304.0	4.9	
1974	5,036.0	4,778.0	258.0	5.1		91,011.0	85,935.0	5,076.0	5.6	
1975	5,069.0	4,647.0	421.0	8.3		92,613.0	84,783.0	7,830.0	8.5	
1976	5,094.0	4,690.0	404.0	7.9		94,773.0	87,485.0	7,288.0	7.7	
1977	5,168.0	4,770.0	398.0	7.7		97,401.0	90,546.0	6,855.0	7.0	
1978	5,252.0	4,888.0	364.0	6.9		100,420.0	94,373.0	6,047.0	6.0	
1978 Aug	5,300.0	4,954.0	346.0	6.5	6.8	102,047.0	96,116.0	5,931.0	5.8	5.9
Sep	5,257.0	4,885.0	372.0	7.1	7.4	100,838.0	95,041.0	5,797.0	5.7	5.9
Oct	5,325.0	4,955.0	369.0	6.9	7.3	101,555.0	96,095.0	5,460.0	5.4	5.8
Nov	5,332.0	4,980.0	352.0	6.6	7.3	101,659.0	96,029.0	5,629.0	5.5	5.8
Dec	5,347.0	5,026.0	320.0	6.0	6.7	101,632.0	95,906.0	5,725.0	5.6	5.9
1979 Jan	5,276.0	4,900.0	376.0	7.1	6.4	100,867.0	94,436.0	6,431.0	6.4	5.8
Feb	5,240.0	4,845.0	394.0	7.5	6.2	101,249.0	94,765.0	6,484.0	6.4	5.7
Mar	5,277.0	4,865.0	412.0	7.8	6.9	101,665.0	95,501.0	6,165.0	6.1	5.7
Apr	5,186.0	4,866.0	320.0	6.2	6.3	101,236.0	95,675.0	5,561.0	5.5	5.8
May	5,217.0	4,922.0	294.0	5.6	6.6	101,473.0	96,220.0	5,253.0	5.2	5.8
Jun	5,343.0	4,959.0	384.0	7.2	6.6	104,153.0	97,917.0	6,235.0	6.0	5.6
Jul	5,398.0	5,058.0	340.0	6.3	6.3	104,995.0	98,891.0	6,104.0	5.8	5.7
Aug	5,350.0	4,977.0	373.0	7.0	7.3	104,363.0	98,226.0	6,137.0	5.9	6.0

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From--	
	Aug. 1979	Jul. 1979	Aug. 1978	Jul. 1979	Aug. 1978
TOTAL CIVILIAN LABOR FORCE	5,350.0	5,398.0	5,300.0	-48.0	50.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	373.0	340.0	346.0	33.0	27.0
% CIVILIAN LABOR FORCE	7.0	6.3	6.5	0.7	0.5
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	385.0	336.0	358.0	49.0	27.0
% CIVILIAN LABOR FORCE	7.3	6.3	6.8	1.0	0.5
TOTAL EMPLOYMENT	4,977.0	5,058.0	4,954.0	-81.0	23.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From--	
	Aug. 1979	Jul. 1979	Aug. 1978	Jul. 1979	Aug. 1978
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,711.1	4,711.5	4,714.7	-0.4	-3.6
LABOR-MANAGEMENT DISPUTES	20.8	12.1	5.1	8.7	15.7
ALL MANUFACTURING INDUSTRIES	1,366.4 *	1,374.3	1,375.1	-7.9	-8.7
TOTAL NONMANUFACTURING INDUSTRIES	3,323.9	3,325.1	3,334.5	-1.2	-10.6
Mining	52.0	52.3	54.1	-0.3	-2.1
Anthracite	3.0	3.0	3.0	0.0	0.0
Bituminous	39.7	40.0	42.3	-0.3	-2.6
Nonmetallic minerals	5.2	5.2	5.0	0.0	0.2
Contract Construction	205.5	205.7	220.7	-0.2	-15.2
General building	55.0	53.6	59.6	1.4	-4.6
Heavy construction	48.1	48.3	46.2	-0.2	1.9
Special trades	102.4	103.8	114.9	-1.4	-12.5
Transportation	162.3	162.0	160.8	0.3	1.5
Railroads	44.4	44.4	45.0	0.0	-0.6
Public Utilities	104.6	104.4	101.9	0.2	2.7
Communications	54.2	54.1	53.1	0.1	1.1
Electric, gas & sanitary service	50.4	50.3	48.8	0.1	1.6
Electric systems	23.8	23.8	22.9	0.0	0.9
Gas production	11.6	11.6	11.3	0.0	0.3
Wholesale trade	229.1	229.3	227.7	-0.2	1.4
Retail trade	727.0	727.6	739.5	-0.6	-12.5
General merchandise stores	120.3	121.8	127.6	-1.5	-7.3
Department stores	106.1	107.5	111.8	-1.4	-5.7
Finance, insurance & real estate	239.7	239.6	228.7	0.1	11.0
Banking	78.9	78.8	75.7	0.1	3.2
Commercial & stock savings	72.8	72.7	70.0	0.1	2.8
Credit agencies & securities	30.9	30.9	29.1	0.0	1.8
Insurance	69.8	69.9	66.8	-0.1	3.0
Life insurance	26.1	26.2	25.1	-0.1	1.0
Fire, marine & casualty	29.2	29.2	28.3	0.0	0.9
Services	911.6	911.7	886.9	-0.1	24.7
Business services	115.0	115.2	113.6	-0.2	1.4
Health services	297.0	297.7	291.7	-0.7	5.3
Nursing & personal care	47.9	47.7	46.4	0.2	1.5
Hospitals	184.7	185.1	178.9	-0.4	5.8
Educational service	101.8	103.3	91.6	-1.5	10.2
Miscellaneous services	42.6	42.5	43.3	0.1	-0.7
Engineering & architectural	25.9	26.1	27.3	-0.2	-1.4
Government	692.1	692.5	714.2	-0.4	-22.1
Federal	128.8	129.6	131.2	-0.8	-2.4
State & local	563.3	562.9	583.0	0.4	-19.7

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS

(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manufacturing	Total Non-Manufacturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.0	3,853.8	1,341.5	3,223.5	48.0	183.9	939.0	221.7	717.2
1978	4,669.9	3,951.9	1,362.1	3,307.8	46.6	195.3	969.6	226.5	743.1
1978 Aug.	4,709.6	3,995.4	1,375.1	3,334.5	54.1	220.7	967.2	227.7	739.5
Sep.	4,708.6	4,008.5	1,375.7	3,332.9	54.1	216.3	974.0	226.9	747.1
Oct.	4,721.0	4,027.1	1,372.1	3,348.9	53.4	214.3	984.0	226.7	757.3
Nov.	4,738.2	4,037.5	1,375.3	3,362.9	53.9	208.7	998.6	227.2	771.4
Dec.	4,734.8	4,027.2	1,371.2	3,363.6	52.9	192.5	1,008.0	228.3	779.7
1979 Jan.	4,634.7	3,934.0	1,364.3	3,270.5	52.7	166.1	968.7	228.0	740.7
Feb.	4,619.2	3,908.1	1,363.4	3,255.8	52.0	150.7	948.6	226.3	722.3
Mar.	4,660.7	3,947.1	1,365.4	3,295.3	52.4	166.7	957.2	226.7	730.5
Apr.	4,691.8	3,976.6	1,365.5	3,326.3	52.3	185.2	965.4	228.1	737.3
May	4,732.4	4,012.2	1,368.4	3,364.0	52.8	196.3	971.0	227.0	744.0
Jun.	4,757.2	4,039.5	1,387.3	3,369.9	52.7	198.5	970.3	228.8	741.5
Jul.	4,699.4	4,006.9	1,374.3	3,325.1	52.3	205.7	956.9	229.3	727.6
Aug.	4,690.3	3,998.2	1,366.4*	3,323.9	52.0	205.5	956.1	229.1	727.0

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.4	137.6	513.8
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.2	136.4	521.8
1974	161.1	104.4	207.3	773.6	154.9	618.7	681.5	136.6	544.9
1975	154.0	102.5	207.3	798.5	159.8	638.7	720.9	134.4	586.5
1976	155.4	101.1	211.4	839.7	165.5	674.2	721.6	131.8	589.8
1977	160.7	100.7	217.5	862.4	171.1	691.3	711.2	128.1	583.0
1978	163.5	101.2	226.2	887.5	177.3	710.2	718.0	129.1	588.9
1978 Aug.	160.8	101.9	228.7	886.9	178.9	708.0	714.2	131.2	583.0
Sep.	166.2	101.2	228.0	893.0	178.3	714.7	700.1	128.9	571.2
Oct.	167.9	101.1	228.4	905.9	178.9	727.0	693.9	128.7	565.2
Nov.	167.8	101.4	229.5	902.3	179.6	722.7	700.7	128.7	572.0
Dec.	168.0	101.6	231.1	901.9	180.0	721.9	707.6	128.7	578.9
1979 Jan.	164.4	101.6	230.8	885.4	180.2	705.2	700.8	127.6	573.2
Feb.	164.1	101.8	232.5	895.0	180.9	714.1	711.1	126.8	584.3
Mar.	165.5	101.8	233.2	904.9	181.3	723.6	713.6	126.7	586.9
Apr.	165.0	102.1	234.1	907.0	181.3	725.7	715.2	126.7	588.5
May	168.0	102.5	235.8	917.4	181.5	735.9	720.2	127.5	592.7
Jun.	168.7	103.8	238.6	919.6	184.3	735.3	717.7	129.1	588.6
Jul.	162.0	104.4	239.6	911.7	185.1	726.6	692.5	129.6	562.9
Aug.	162.3	104.6	239.7	911.6	184.7	726.9	692.1	128.8	563.3

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

JULY 1979

Industry	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Jul. 1979	Jun. 1979	Jul. 1978	Jul. 1979	Jun. 1979	Jul. 1978	Jul. 1979	Jun. 1979	Jul. 1978
All Manufacturing	1,374.3	3.2	3.6	2.8	1.8	2.6	1.8	1.2	0.7	0.9
Durable Goods	849.5	2.8	3.1	2.4	1.6	2.3	1.5	0.9	0.6	0.7
Furniture & Fixtures	19.7	6.6	6.5	4.8	3.5	3.8	3.4	3.0	2.4	1.1
Stone, Clay & Glass Products	64.9	3.2	3.6	2.4	1.8	2.6	1.5	1.3	0.7	0.8
Primary Metal Industries	206.5	2.2	2.6	2.3	1.4	2.0	1.3	0.6	0.3	0.8
Fabricated Metal Products	113.5	3.0	3.7	2.8	1.9	2.5	1.5	0.8	1.0	1.1
Machinery, exc. Electrical	140.2	2.2	2.4	2.0	1.4	2.1	1.4	0.6	0.2	0.3
Electric & Electronic Equip.	129.3	3.2	2.9	2.3	1.8	2.1	1.3	1.0	0.5	0.7
Transportation Equipment	87.2	3.4	2.7	2.9	1.4	1.7	1.4	1.5	0.6	1.1
Instruments & Related Products	40.0	1.5	2.9	1.5	1.2	2.3	1.3	0.1	0.4	0.2
Miscellaneous Manufacturing	26.5	2.5	6.0	2.5	2.0	4.4	1.9	0.5	1.4	0.5
Nondurable Goods	524.8	4.0	4.3	3.5	2.2	3.0	2.3	1.6	1.0	1.0
Food & Kindred Products	96.5	5.6	5.1	4.2	2.9	3.6	2.5	2.5	1.2	1.6
Textile Mill Products	47.8	5.1	4.3	4.8	2.9	3.6	3.5	2.1	0.5	1.1
Apparel & Related Products	123.6	5.0	4.7	4.0	2.0	2.5	2.4	2.6	1.8	1.3
Paper & Allied Products	45.2	5.0	4.1	2.5	3.0	3.2	1.7	1.9	0.7	0.6
Printing & Publishing	71.0	2.4	3.3	1.9	1.7	2.6	1.5	0.6	0.6	0.4
Chemicals & Allied Products	62.3	1.6	3.0	2.0	1.2	2.4	1.4	0.3	0.4	0.6
Petroleum & Coal Products	17.6	2.8	2.8	1.3	2.4	2.6	1.1	0.3	0.1	N
Rubber & Plastics Products	40.9	3.0	4.5	3.2	2.0	3.4	2.0	0.7	0.7	0.8
Leather & Leather Products	16.1	5.7	7.8	7.3	4.0	5.7	5.0	1.2	1.5	1.9

Industry	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Jul. 1979	Jun. 1979	Jul. 1978	Jul. 1979	Jun. 1979	Jul. 1978	Jul. 1979	Jun. 1979	Jul. 1978
All Manufacturing	1,374.3	3.3	2.8	2.9	1.1	1.2	1.1	1.5	1.0	1.2
Durable Goods	849.5	2.7	2.3	2.4	0.8	0.9	0.7	1.2	0.8	1.0
Furniture & Fixtures	19.7	7.6	4.6	5.5	2.0	2.4	2.2	4.5	0.8	2.3
Stone, Clay & Glass Products	64.9	2.4	2.3	2.7	0.7	0.8	0.9	1.2	1.0	1.3
Primary Metal Industries	206.5	2.3	1.4	1.8	0.5	0.5	0.4	0.8	0.2	0.6
Fabricated Metal Products	113.5	3.2	3.5	2.5	0.9	1.0	0.9	1.5	1.7	0.8
Machinery, exc. Electrical	140.2	2.0	1.9	1.6	0.8	0.9	0.7	0.8	0.5	0.5
Electric & Electronic Equip.	129.3	2.6	1.7	2.7	0.8	0.8	0.8	1.1	0.3	1.5
Transportation Equipment	87.2	3.4	3.8	3.3	0.6	0.6	0.6	1.7	1.9	1.8
Instruments & Related Products	40.0	1.7	2.0	1.6	0.8	1.0	0.9	0.4	0.4	0.3
Miscellaneous Manufacturing	26.5	4.3	2.4	2.8	1.7	1.4	1.0	2.0	0.5	1.2
Nondurable Goods	524.8	4.4	3.6	3.8	1.6	1.7	1.6	2.1	1.3	1.5
Food & Kindred Products	96.5	4.2	4.4	3.7	1.8	2.0	1.4	1.7	1.7	1.7
Textile Mill Products	47.8	6.3	4.0	5.0	2.6	2.5	2.6	3.0	0.7	1.4
Apparel & Related Products	123.6	6.5	5.1	5.8	1.9	2.0	2.0	3.9	2.2	2.9
Paper & Allied Products	45.2	4.0	2.0	2.7	1.3	1.1	1.2	2.0	0.5	1.0
Printing & Publishing	71.0	2.1	2.4	1.9	1.2	1.3	1.0	0.6	0.8	0.5
Chemicals & Allied Products	62.3	1.3	1.5	1.6	0.7	0.7	0.7	0.3	0.4	0.5
Petroleum & Coal Products	17.6	1.1	1.2	1.0	0.5	0.5	0.4	0.2	0.3	0.2
Rubber & Plastics Products	40.9	3.3	2.9	2.8	1.5	1.2	1.4	0.9	1.0	0.7
Leather & Leather Products	16.1	12.0	7.3	8.4	4.6	4.5	4.3	5.3	2.1	3.5

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Aug. 1979	Jul. 1979	Aug. 1978	Jul. 1979	Aug. 1978
	TOTAL MANUFACTURING INDUSTRIES	1,366.4*	1,374.3	1,375.1	-7.9	-8.7
	TOTAL DURABLE GOODS	837.8	849.5	833.2	-11.7	4.6
24	Lumber & wood products	21.9	21.7	22.6	0.2	-0.7
243	Millwork, plywood & structural	7.1	7.0	7.2	0.1	-0.1
	Other lumber & wood products	14.8	14.7	15.4	0.1	-0.6
25	Furniture & fixtures	20.5	19.7	20.4	0.8	0.1
251	Household furniture	9.7	9.1	9.7	0.6	0.0
252	Office furniture	4.8	4.7	5.0	0.1	-0.2
	Other furniture & fixtures	6.0	5.9	5.7	0.1	0.3
32	Stone, clay & glass products	64.5	64.9	65.5	-0.4	-1.0
322	Glass & glassware, pressed or blown	17.3	17.5	17.4	-0.2	-0.1
3221	Glass containers	9.5	9.8	9.9	-0.3	-0.4
3229	Other pressed or blown glass	7.8	7.7	7.5	0.1	0.3
324	Hydraulic cement	3.3	3.3	3.5	0.0	-0.2
325	Structural clay products	6.6	6.7	6.5	-0.1	0.1
326	Pottery & related products	4.1	4.4	4.6	-0.3	-0.5
327	Concrete, gypsum & plaster products	9.4	9.3	9.2	0.1	0.2
	Other stone, clay & glass products	23.8	23.7	24.3	0.1	-0.5
33	Primary metal industries	206.6	206.5	202.3	0.1	4.3
331	Blast furnace & basic steel products	154.7	155.1	152.5	-0.4	2.2
3312	Blast furnaces & steel mills	141.9	141.9	139.6	0.0	2.3
	Other basic steel products	12.8	13.2	12.9	-0.4	-0.1
332	Iron & steel foundries	20.7	20.5	19.4	0.2	1.3
3321	Gray iron foundries	8.3	8.1	8.0	0.2	0.3
3325	Steel foundries, n.e.c.	7.4	7.3	6.5	0.1	0.9
3322,4	Malleable iron & steel invest.	5.0	5.1	4.9	-0.1	0.1
335	Nonferrous rolling & drawing	13.3	13.3	13.4	0.0	-0.1
336	Nonferrous foundries	7.9	7.6	7.4	0.3	0.5
	Other primary metal products	10.0	10.0	9.6	0.0	0.4
34	Fabricated metal products,(incl. ordnance)	115.1	113.5	112.5	1.6	2.6
341	Metal cans & shipping containers	5.0	5.0	5.0	0.0	0.0
342	Cutlery, hand tools & hardware	7.5	7.3	8.0	0.2	-0.5
343	Plumbing & heating exc. electrical	2.9	2.5	2.9	0.4	0.0
344	Fabricated structural metal products	37.6	36.7	36.6	0.9	1.0
3441	Fabricated structural metal	9.8	9.7	9.2	0.1	0.6
3443	Fabricated plate work (boiler shops)	11.1	10.8	10.5	0.3	0.6
	Other fabricated struct. metal products	16.7	16.2	16.9	0.5	-0.2
345	Screw machine products, bolts, etc.	9.0	9.0	8.0	0.0	1.0
346	Metal forgings & stampings	20.3	20.3	20.5	0.0	-0.2
3462	Iron & steel forgings	6.3	6.1	6.2	0.2	0.1
	Other metal forgings & stampings	14.0	14.2	14.3	-0.2	-0.3
347,8	Metal services & ordnance, n.e.c.	8.5	8.4	8.3	0.1	0.2
349	Misc. fabricated metal products	24.3	24.3	23.2	0.0	1.1
3494	Valves & pipe fittings	10.8	10.9	10.3	-0.1	0.5
	Other misc. fabricated metal products	13.5	13.4	12.9	0.1	0.6
35	Machinery, exc. electrical	137.1*	140.2	138.6	-3.1	-1.5
351	Engines & turbines	5.0	7.8	8.1	-2.8	-3.1
352	Farm & garden machinery	4.4	4.3	4.1	0.1	0.3
353	Construction & related machinery	26.4	26.3	25.8	0.1	0.6
3531	Construction machinery	10.2	10.1	9.8	0.1	0.4
3535	Conveyors & conveying equipment	3.5	3.5	3.7	0.0	-0.2
	Other construction & related machinery	12.7	12.7	12.3	0.0	0.4
354	Metal working machinery	21.3	21.3	21.2	0.0	0.1
355	Special industry machinery	14.9	14.8	14.3	0.1	0.6
356	General industrial machinery	28.7	29.2	28.8	-0.5	-0.1
3561	Pumps & pumping equipment	3.1	3.7	3.7	-0.6	-0.6
3562	Ball & roller bearings	4.4	4.4	4.2	0.0	0.2
3563	Air & gas compressors	5.3	5.2	5.2	0.1	0.1
3567	Industrial furnaces & ovens	4.0	4.0	4.0	0.0	0.0
	Other general industrial machinery	11.9	11.9	11.7	0.0	0.2

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(cont.)
Industry Detail
(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Aug. 1979	Jul. 1979	Aug. 1978	Jul. 1979	Aug. 1978
357	Office and computing machines	11.5	11.5	11.7	0.0	-0.2
358	Refrigeration & service industry machinery	11.1	11.4	11.6	-0.3	-0.5
359	Misc. machinery, exc. electrical	13.8	13.6	13.0	0.2	0.8
36	Electric & electronic equipment	119.5*	129.3	124.8	-9.8	-5.3
361	Electric distributing equipment	15.5*	19.8	20.3	-4.3	-4.8
3612	Transformers	4.8	6.7	6.5	-1.9	-1.7
3613	Switchgear & switchboard apparatus	10.7	13.1	13.8	-2.4	-3.1
362	Electrical industrial apparatus	17.9*	24.0	23.6	-6.1	-5.7
363	Household appliances	4.4	4.5	4.8	-0.1	-0.4
364	Electric lighting & wiring equipment	23.4	22.8	21.8	0.6	1.6
3643	Current-carrying wiring devices	11.5	11.0	10.5	0.5	1.0
	Other electric light & wiring equipment	11.9	11.8	11.3	0.1	0.6
366	Communication equipment	9.6	9.4	8.3	0.2	1.3
367	Electronic components & accessories	35.8	36.0	33.8	-0.2	2.0
3674	Semiconductors & related devices	11.7	11.5	10.4	0.2	1.3
	Other electronic components & accessories	24.1	24.5	23.4	-0.4	0.7
	Other electrical equipment & supplies	12.9	12.8	12.2	0.1	0.7
37	Transportation equipment	86.5	87.2	81.8	0.7	4.7
371	Motor vehicles & equipment	31.0	31.5	29.0	-0.5	2.0
3714	Motor vehicle parts & accessories	11.0	11.7	11.5	-0.7	-0.5
	Other motor vehicles & equipment	20.0	19.8	17.5	0.2	2.5
372	Aircraft & parts	11.7	11.7	10.9	0.0	0.8
373	Ship & boat building & repairing	8.2	8.1	6.8	0.1	1.4
374	Railroad equipment	23.6	23.7	22.4	-0.1	1.2
	Other transportation equipment	12.0	12.2	12.7	-0.2	-0.7
38	Instruments & related products	39.1	40.0	37.9	-0.9	1.2
382	Measuring & controlling devices	20.7	21.6	20.0	-0.9	0.7
384	Medical instruments & supplies	11.3	11.3	10.8	0.0	0.5
	Other instruments & related products	7.1	7.2	7.1	0.1	0.0
39	Miscellaneous manufacturing industries	27.0	26.5	26.8	0.5	0.2
	TOTAL NONDURABLE GOODS	528.6	524.8	541.9	3.8	-13.3
20	Food & kindred products	98.5	96.5	98.6	2.0	-0.1
201	Meat products	15.5	15.4	15.2	0.1	0.3
2011	Meat packing plants	4.9	4.8	4.8	0.1	0.1
2013	Sausages & other prepared meats	5.5	5.5	5.8	0.0	-0.3
2016,7	Poultry dressing & processing	5.1	5.1	4.6	0.0	0.5
202	Dairy products	12.0	11.9	12.3	0.1	-0.3
2026	Fluid milk	6.9	6.9	7.1	0.0	-0.2
	Other dairy products	5.1	5.0	5.2	0.1	-0.1
203	Preserved fruits & vegetables	13.4	12.5	12.5	0.9	0.9
2033	Canned fruits & vegetables	5.3	5.1	4.9	0.2	0.4
	Other preserved fruits & vegetables	8.1	7.4	7.6	0.7	0.5
204	Grain mill products	4.4	4.4	4.5	0.0	-0.1
205	Bakery products	19.6	19.6	20.6	0.0	1.0
2051	Bread, cake & related products	15.0	15.0	15.8	0.0	-0.8
2052	Cookies & crackers	4.6	4.6	4.8	0.0	-0.2
206	Sugar & confectionery products	15.6	14.8	15.0	0.8	0.6
2065	Confectionery products	6.6	5.9	6.1	0.7	0.5
2066	Chocolate & cocoa products	6.4	6.2	5.8	0.2	0.6
	Other sugar products	2.6	2.7	3.1	-0.1	-0.5
208	Beverages	9.6	9.4	10.1	0.2	0.5
	Other food & kindred products	8.4	8.5	8.4	-0.1	0.0
21	Tobacco manufacturers	3.8	3.8	4.2	0.0	0.4
22	Textile mill products	48.7	47.8	51.7	0.9	-3.0
222	Weaving mills, synthetics	4.3	4.2	4.5	0.1	-0.2
225	Knitting mills	25.5	25.4	27.6	0.1	-2.1
2253	Knit outerwear mills	13.9	14.3	15.7	-0.4	-1.8
2254	Knit underwear mills	4.8	4.5	5.0	0.3	-0.2
	Other knitting mills	6.8	6.6	6.9	0.2	-0.1
227	Floor covering mills	4.1	3.9	4.0	0.2	0.1
228	Yarn & thread mills	4.8	4.6	5.3	0.2	-0.5
	Other textile mill products	10.0	9.7	10.3	0.3	-0.3

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(concl.)
Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Aug. 1979	Jul. 1979	Aug. 1978	Jul. 1979	Aug. 1978
23	Apparel & other textile products	123.0	123.6	133.6	-0.6	-10.6
231	Mens & boys suits & coats	14.9	14.6	17.0	0.3	-2.1
232	Mens & boys furnishings	24.3	24.1	25.7	0.2	-1.4
2321	Mens & boys shirts & nightwear	9.7	9.7	9.8	0.0	-0.1
2327	Mens & boys separate trousers	5.7	5.6	5.9	0.1	-0.2
	Other furnishings and work clothing	8.9	8.8	10.0	0.1	-0.1
233	Womens & misses outerwear	54.5	55.6	59.9	-1.1	-5.4
234	Women & childrens undergarments	10.4	10.1	10.5	0.3	-0.1
236	Childrens outerwear	6.7	7.1	7.6	-0.4	-0.9
	Other apparel & textile products	12.2	12.1	12.9	0.1	-0.7
26	Paper & allied products	46.1	45.2	45.8	0.9	0.3
262	Paper mills exc. building paper	11.9	11.8	11.9	0.1	0.0
265	Paper board containers & boxes	16.7	16.2	16.5	0.5	0.2
2653	Corrugated & solid fiber boxes	8.3	8.2	8.2	0.1	0.1
	Other paperboard containers	8.4	8.0	8.3	0.4	0.1
	Other paper & allied products	17.5	17.2	17.4	0.3	0.1
27	Printing & publishing	71.2	71.0	70.1	0.2	1.1
271	Newspapers	25.5	25.5	25.5	0.0	0.0
273	Books	8.3	8.2	8.5	0.1	-0.2
275	Commercial printing	20.1	20.0	19.6	0.1	0.5
2752	Lithographing	10.1	10.1	9.8	0.0	0.3
	Other commercial printing	10.0	9.9	9.8	0.1	0.2
276	Manifold business forms	3.8	3.8	3.6	0.0	0.2
	Other printing & publishing	13.5	13.5	12.9	0.0	0.6
28	Chemicals & allied products	62.2	62.3	60.8	-0.1	1.4
281	Industrial inorganic chemicals	11.5	11.4	10.7	0.1	0.8
282	Plastic materials & synthetics	8.7	8.8	8.7	-0.1	0.0
283	Drugs	17.5	17.5	17.0	0.0	0.5
284	Soap, cleaners & toliet goods	3.2	3.2	3.3	0.0	-0.1
285	Paints & allied products	4.5	4.5	4.4	0.0	0.1
	Other chemical & allied products	16.8	16.9	16.7	-0.1	0.1
29	Petroleum & coal products	17.7	17.6	17.5	0.1	0.2
291	Petroleum refining	13.7	13.6	13.5	0.1	0.2
	Other petroleum & coal products	4.0	4.0	4.0	0.0	0.0
30	Rubber & misc. plastic products	40.9	40.9	40.7	0.0	0.2
301	Tires & inner tubes	8.0	8.2	7.9	-0.2	0.1
306	Fabricated rubber products	5.7	5.7	5.2	0.0	0.5
	Other rubber & plastic products, n.e.c.	27.2	27.0	27.6	0.2	-0.4
31	Leather & leather products	16.5	16.1	18.9	0.4	-2.4
314	Footwear, exc. rubber	12.6	12.2	14.8	0.4	-2.2
3143	Mens footwear, exc. athletic	4.6	4.2	5.4	0.4	-0.8
3144	Womens footwear, exc. athletic	4.2	4.2	5.5	0.0	-1.3
	Other footwear	3.8	3.8	3.9	0.0	-0.1
	Other leather & leather products	3.9	3.9	4.1	0.0	-0.2

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978
TOTAL MANUFACTURING INDUSTRIES	$279.49	$277.31	$257.44	39.7	39.9	40.1	$7.04	$6.95	$6.42
TOTAL DURABLE GOODS	316.61	313.65	291.28	40.8	41.0	41.2	7.76	7.65	7.07
Lumber & wood products	199.41	198.74	195.43	39.1	39.2	40.8	5.10	5.07	4.79
Millwork, plywood & structural	205.27	200.97	212.52	39.4	38.5	42.0	5.21	5.22	5.06
Other lumber & wood products	196.56	198.00	187.73	39.0	39.6	40.2	5.04	5.00	4.67
Furniture & fixtures	230.22	214.06	215.34	39.9	38.5	40.1	5.77	5.56	5.37
Household furniture	204.46	186.47	193.52	39.7	37.9	39.9	5.15	4.92	4.85
Office furniture	243.95	225.82	240.72	38.6	37.7	40.8	6.32	5.99	5.90
Other furniture & fixtures	264.55	251.69	231.24	41.4	40.4	39.8	6.39	6.23	5.81
Stone, clay & glass products	307.44	305.15	272.54	42.7	42.5	41.8	7.20	7.18	6.52
Glass & glassware, pressed or blown	285.11	286.40	262.51	40.1	40.0	40.2	7.11	7.16	6.53
Glass containers	303.78	300.29	281.54	41.5	40.8	41.1	7.32	7.36	6.85
Other pressed or blown glass	264.80	269.49	237.51	38.6	39.0	39.0	6.86	6.91	6.09
Hydraulic cement	390.26	395.04	365.45	40.4	40.6	42.2	9.66	9.73	8.66
Structural clay products	259.43	256.07	235.01	40.6	40.2	39.3	6.39	6.37	5.98
Pottery & related products	262.06	262.70	234.77	41.4	42.1	40.2	6.33	6.24	5.84
Concrete, gypsum & plaster prods.	306.43	298.80	272.09	45.6	45.0	44.9	6.72	6.64	6.06
Other stone, clay & glass prods.	345.65	341.71	288.77	45.6	45.2	43.1	7.58	7.56	6.70
Primary metal industries	397.44	397.00	360.96	41.1	42.1	41.3	9.67	9.43	8.74
Blast furnace & basic steel prods.	427.81	429.77	388.75	40.9	42.3	41.4	10.46	10.16	9.39
Blast furnaces & steel mills	435.99	436.96	392.64	40.9	42.3	41.2	10.66	10.33	9.53
Other basic steel products	345.27	356.97	337.90	41.3	42.7	43.1	8.36	8.36	7.84
Iron & steel foundries	306.00	291.05	272.15	40.8	40.2	40.2	7.50	7.24	6.77
Gray iron foundries	298.[illegible]	284.12	272.14	40.6	40.3	40.8	7.34	7.05	6.67
Steel foundries, n.e.c.	318.94	296.68	270.27	41.1	40.2	38.5	7.76	7.38	7.02
Malleable iron & steel invest.	300.85	292.87	277.62	40.6	39.9	42.0	7.41	7.34	6.61
Nonferrous rolling & drawing	314.29	296.12	292.58	42.3	40.9	42.9	7.43	7.24	6.82
Nonferrous foundries	293.63	282.51	258.07	43.5	43.0	42.1	6.75	6.57	6.13
Other primary metal products	311.41	313.11	280.42	41.8	42.6	40.7	7.45	7.35	6.89
Fabricated metal prods., incl. ordn.	281.69	282.80	263.41	39.9	40.0	40.4	7.06	7.07	6.52
Metal cans & shipping containers	351.92	344.86	348.57	44.1	43.0	46.6	7.98	8.02	7.48
Cutlery, hand tools & hardware	219.78	222.85	201.59	37.0	37.9	37.4	5.94	5.88	5.39
Plumbing & heating exc. electrical	298.58	273.46	249.90	44.3	42.2	42.0	6.74	6.48	5.95
Fabricated structural metal prods.	281.11	273.23	246.93	40.8	40.3	39.7	6.89	6.78	6.22
Fabricated struct. metal	277.20	265.52	295.32	36.0	34.8	40.4	7.70	7.63	7.31
Fab. plate work (boiler shops)	297.08	292.07	256.26	42.5	42.7	41.6	6.99	6.84	6.16
Other fab. struct. metal prods.	273.49	264.81	216.21	42.6	41.9	38.2	6.42	6.32	5.66
Screw machine products, bolts, etc.	261.76	257.02	262.71	39.6	39.3	41.7	6.61	6.54	6.30
Metal forgings & stampings	322.87	348.71	326.88	38.9	40.5	41.8	8.30	8.61	7.82
Iron & steel forgings	280.08	282.63	276.17	38.9	39.2	40.2	7.20	7.21	6.87
Other metal forgings & stampings	338.43	371.37	346.41	38.9	40.9	42.4	8.70	9.08	8.17
Metal services & ordnance, n.e.c.	259.85	250.04	237.23	38.9	37.6	38.7	6.68	6.65	6.13
Misc. fabricated metal products	265.28	268.00	243.32	39.3	40.0	39.5	6.75	6.70	6.16
Valves & pipe fittings	262.47	268.52	247.35	39.0	40.5	39.2	6.73	6.63	6.31
Other misc. fab. metal products	267.42	268.37	240.19	39.5	39.7	39.7	6.77	6.76	6.05
Machinery, exc. electrical	309.64	303.99	290.96	41.9	41.7	42.6	7.39	7.29	6.83
Engines & turbines	222.10	240.80	295.39	33.1	35.0	40.8	6.71	6.88	7.24
Farm & garden machinery	334.52	363.48	322.20	43.5	46.6	43.6	7.69	7.80	7.39
Construction & related machinery	323.83	312.62	311.33	41.2	40.6	43.3	7.86	7.70	7.19
Construction machinery	337.77	317.97	323.88	41.7	40.3	43.3	8.10	7.89	7.48
Conveyors & conveying equipment	248.79	237.27	249.15	38.1	36.9	42.3	6.53	6.43	5.89
Other constr. & related mach.	322.97	318.78	311.03	41.3	41.4	43.5	7.82	7.70	7.15
Metal working machinery	306.32	304.21	296.84	40.2	40.4	41.4	7.62	7.53	7.17
Special industry machinery	286.08	280.53	251.43	39.9	39.4	40.1	7.17	7.12	6.27
General industrial machinery	333.31	326.19	299.49	44.8	44.5	44.5	7.44	7.33	6.73
Pumps & pumping equipment	318.28	304.26	300.14	42.1	42.2	43.0	7.56	7.21	6.98
Ball & roller bearings	328.41	327.96	288.64	44.2	44.2	41.0	7.43	7.42	7.04
Air & gas compressors	346.79	353.02	330.63	46.8	47.9	47.3	7.41	7.37	6.99
Industrial furnaces & ovens	296.27	297.52	286.75	40.2	40.7	41.2	7.37	7.31	6.96
Other general industrial mach.	340.01	327.94	297.43	45.7	44.8	45.9	7.44	7.32	6.48
Office and computing machines	340.12	355.41	322.37	44.0	45.8	43.8	7.73	7.76	7.36
Refrigeration & serv. ind. mach.	264.18	238.16	246.03	42.0	39.3	42.2	6.29	6.06	5.83
Misc. machinery, exc. electrical	298.63	295.58	271.36	42.6	42.9	42.4	7.01	6.89	6.40

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

(cont.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978
Electrical & electronic equipment	$263.48	$260.95	$251.33	39.8	39.9	40.8	$6.62	$6.54	$6.16
Electric distributing equipment	300.62	308.85	294.35	39.4	39.8	40.6	7.63	7.76	7.25
Transformers	240.47	244.95	306.42	34.6	35.5	43.9	6.95	6.90	6.98
Switchgear & switchbrd apparatus	327.02	341.88	288.25	41.5	42.0	38.9	7.88	8.14	7.41
Electrical industrial apparatus	263.93	267.18	272.30	39.1	39.7	41.7	6.75	6.73	6.53
Household appliances	240.39	246.89	215.21	35.3	38.1	36.6	6.81	6.48	5.88
Electric lighting & wiring equip.	248.68	244.42	239.37	40.7	40.2	41.2	6.11	6.08	5.81
Current-carrying wiring devices	258.96	270.86	243.76	41.7	43.2	40.9	6.21	6.27	5.96
Other elect lght & wirng equip.	242.20	228.48	235.98	40.1	38.4	41.4	6.04	5.95	5.70
Communication equipment	313.23	286.41	269.37	39.7	38.6	41.0	7.89	7.42	6.57
Electronic components & access.	262.34	254.41	227.03	40.8	41.3	39.9	6.43	6.16	5.69
Semiconductors & related devices	357.90	315.59	295.71	43.7	41.8	41.3	8.19	7.55	7.16
Other electronic comp.& access.	217.49	226.87	193.65	39.4	41.1	39.2	5.52	5.52	4.94
Other electrical equip. & supplies	231.49	218.45	232.78	38.2	36.9	42.4	6.06	5.92	5.49
Transportation equipment	345.65	334.55	307.34	41.1	40.7	40.6	8.41	8.22	7.57
Motor vehicles & equipment	364.08	346.40	336.10	41.0	40.0	41.7	8.88	8.66	8.06
Motor vehicle parts & access.	350.64	353.94	331.21	41.3	41.3	42.3	8.49	8.57	7.83
Other motor vehicles & equip.	372.19	341.82	339.90	40.9	39.2	41.2	9.10	8.72	8.25
Aircraft & parts	306.89	311.40	285.37	38.7	40.6	39.8	7.93	7.67	7.17
Ship & boat building & repairing	342.34	326.19	295.02	42.9	41.5	39.6	7.98	7.86	7.45
Railroad equipment	350.64	349.16	288.00	39.8	40.6	37.5	8.81	8.60	7.68
Other transportation equipment	309.62	286.38	286.72	45.6	43.0	44.8	6.79	6.66	6.40
Instruments & related products	250.90	258.93	236.59	39.7	41.1	40.1	6.32	6.30	5.90
Measuring & controlling devices	269.12	282.67	253.58	40.9	42.7	41.3	6.58	6.62	6.14
Medical instruments & supplies	219.58	223.05	220.98	37.6	39.2	38.7	5.84	5.69	5.71
Other instruments & related prods.	245.69	241.92	211.69	39.5	39.4	38.7	6.22	6.14	5.47
Misc. manufacturing industries	256.00	251.93	237.15	40.0	39.8	41.9	6.40	6.33	5.66
TOTAL NONDURABLE GOODS	222.30	221.37	206.75	38.0	38.3	38.5	5.85	5.78	5.37
Food & kindred products	256.14	253.49	244.96	40.4	40.3	41.1	6.34	6.29	5.96
Meat products	273.42	278.86	241.84	42.0	43.1	41.2	6.51	6.47	5.87
Meat packing plants	313.44	318.12	281.06	42.3	44.0	41.7	7.41	7.23	6.74
Sausages & other prepared meats	306.00	317.18	264.60	40.0	41.9	39.2	7.65	7.57	6.75
Poultry dressing & processing	207.58	207.41	184.04	43.7	43.3	42.8	4.75	4.79	4.30
Dairy products	271.36	263.97	258.22	42.4	41.9	42.4	6.40	6.30	6.09
Fluid milk	273.48	261.70	244.85	42.4	40.7	41.5	6.45	6.43	5.90
Other dairy products	269.66	265.59	268.51	42.4	42.7	43.1	6.36	6.22	6.23
Preserved fruits & vegetables	217.88	214.88	199.69	38.7	38.1	38.7	5.63	5.64	5.16
Canned fruits & vegetables	194.72	186.35	158.42	39.1	37.8	35.6	4.98	4.93	4.45
Other preserved fruits & vegs.	234.08	234.78	226.29	38.5	38.3	40.7	6.08	6.13	5.56
Grain mill products	278.05	269.37	286.67	41.5	41.0	43.5	6.70	6.57	6.59
Bakery products	245.01	237.79	241.90	40.1	39.5	41.0	6.11	6.02	5.90
Bread, cake & related products	248.00	235.85	236.74	40.0	38.6	40.4	6.20	6.11	5.86
Cookies & crackers	237.58	241.95	254.82	40.2	41.5	42.4	5.91	5.83	6.01
Sugar & confectionery products	249.28	245.15	249.29	38.0	37.6	40.8	6.56	6.52	6.11
Confectionery products	212.18	213.30	209.13	35.6	36.4	38.8	5.96	5.86	5.39
Chocolate & cocoa products	275.67	256.12	261.25	40.6	38.0	41.6	6.79	6.74	6.28
Other sugar products	291.45	295.89	296.60	38.5	39.4	42.8	7.57	7.51	6.93
Beverages	345.77	340.13	307.19	42.9	43.0	41.4	8.06	7.91	7.42
Other food & kindred products	216.71	207.95	218.36	41.2	40.3	42.4	5.26	5.16	5.15
Tobacco manufacturers	152.80	142.85	136.49	38.2	37.2	37.6	4.00	3.84	3.63
Textile mill products	179.07	178.31	166.99	38.1	38.1	38.3	4.70	4.68	4.36
Weaving mills, synthetics	210.24	211.03	174.56	43.8	44.9	40.5	4.80	4.70	4.31
Knitting mills	164.08	163.35	156.46	36.3	35.9	36.9	4.52	4.55	4.24
Knit outerwear mills	162.90	158.55	152.58	36.2	35.0	35.9	4.50	4.53	4.25
Knit underwear mills	143.03	143.24	142.10	34.3	34.6	37.2	4.17	4.14	3.82
Other knitting mills	181.54	189.24	177.58	37.9	39.1	39.2	4.79	4.84	4.53
Floor covering mills	226.94	233.78	244.76	39.4	40.1	44.1	5.76	5.83	5.55
Yarn & thread mills	164.54	166.63	150.80	38.0	39.3	37.7	4.33	4.24	4.00
Other textile mill products	195.91	190.30	178.99	39.9	39.4	39.6	4.91	4.83	4.52

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(concl.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978
Apparel & other textile products	$143.23	$145.25	$140.42	32.7	33.7	34.0	$4.38	$4.31	$4.13
Mens & boys suits & coats	182.51	186.02	180.00	34.5	35.5	36.0	5.29	5.24	5.00
Mens & boys furnishings	145.44	149.74	141.81	35.3	36.7	35.9	4.12	4.08	3.95
Mens & boys shirts & nightwear	144.63	149.95	142.32	35.8	37.3	36.4	4.04	4.02	3.91
Mens & boys separate trousers	144.90	152.99	150.07	30.7	32.9	34.9	4.72	4.65	4.30
Other furnishings & wrk. clothing	146.64	147.07	136.84	37.6	38.4	36.2	3.90	3.83	3.78
Womens & misses outerwear	135.00	137.97	134.94	30.0	31.5	31.9	4.50	4.38	4.23
Women & childrens undergarments	134.95	130.90	127.05	35.7	35.0	36.3	3.78	3.74	3.50
Childrens outerwear	125.85	132.14	121.99	31.7	33.2	33.7	3.97	3.98	3.62
Other apparel & textile products	140.24	140.65	130.47	34.8	34.9	34.7	4.03	4.03	3.76
Paper & allied products	298.82	295.68	274.36	44.8	44.8	45.2	6.67	6.60	6.07
Paper mills exc. building paper	379.29	372.46	345.03	47.0	45.7	47.2	8.07	8.15	7.31
Paper board containers & boxes	277.62	274.21	253.58	42.0	41.8	43.2	6.61	6.56	5.87
Corrugated & solid fiber boxes	286.31	275.49	270.90	40.1	39.3	43.0	7.14	7.01	6.30
Other paperboard containers	269.55	272.27	236.96	43.9	44.2	43.4	6.14	6.16	5.46
Other paper & allied products	275.02	275.29	253.46	46.3	47.3	46.0	5.94	5.82	5.51
Printing & publishing	265.66	265.27	249.81	37.0	37.1	36.9	7.18	7.15	6.77
Newspapers	282.34	279.07	253.09	34.6	34.2	33.7	8.16	8.16	7.51
Books	213.11	210.73	198.17	35.4	35.9	35.9	6.02	5.87	5.52
Commercial printing	282.17	284.36	263.34	38.6	38.9	38.0	7.31	7.31	6.93
Lithographing	271.94	263.15	252.31	37.1	36.6	36.2	7.33	7.19	6.97
Other commercial printing	292.00	304.96	274.22	40.0	41.1	39.8	7.30	7.42	6.89
Manifold business forms	279.17	270.13	267.86	39.1	38.1	41.4	7.14	7.09	6.47
Other printing & publishing	255.30	258.78	253.46	37.6	38.0	38.0	6.79	6.81	6.67
Chemicals & allied products	297.20	293.57	270.26	41.8	41.7	41.9	7.11	7.04	6.45
Industrial inorganic chemicals	311.69	298.74	281.88	43.9	42.8	43.5	7.10	6.98	6.48
Plastic materials & synthetics	310.91	300.35	260.99	41.4	41.2	41.1	7.51	7.29	6.35
Drugs	286.38	281.00	257.02	39.5	39.3	39.3	7.25	7.15	6.54
Soap, cleaners & toilet goods	268.98	258.74	264.23	42.9	41.8	45.4	6.27	6.19	5.82
Paints & allied products	263.07	271.48	261.70	39.5	40.1	40.7	6.66	6.77	6.43
Other chemical & allied products	305.30	311.25	285.14	43.0	43.9	43.6	7.10	7.09	6.54
Petroleum & coal products	394.11	379.74	363.72	43.5	42.1	43.3	9.06	9.02	8.40
Petroleum refining	408.84	388.68	373.51	42.9	41.0	42.3	9.53	9.48	8.83
Other petroleum & coal products	340.34	346.84	332.69	45.5	46.0	46.4	7.48	7.54	7.17
Rubber & misc. plastic products	229.90	234.82	222.49	38.9	39.8	40.6	5.91	5.90	5.48
Tires & inner tubes	352.44	346.02	335.07	44.0	43.8	45.9	8.01	7.90	7.30
Fabricated rubber products	270.50	277.06	236.23	42.8	43.7	40.8	6.32	6.34	5.79
Other rubber & plastic prods.,nec	192.03	197.74	190.03	37.0	38.1	39.1	5.19	5.19	4.86
Leather & leather products	159.80	159.56	147.38	38.6	39.3	39.3	4.14	4.06	3.75
Footwear, exc. rubber	146.52	144.36	132.40	37.0	37.4	37.4	3.96	3.86	3.54
Mens footwear, exc. athletic	160.40	154.05	147.50	40.2	39.5	41.2	3.99	3.90	3.58
Womens footwear, exc. athletic	142.63	142.85	122.50	36.2	37.2	35.2	3.94	3.84	3.48
Other footwear	133.17	134.75	124.61	33.8	35.0	35.1	3.94	3.85	3.55
Other leather & leather products	201.87	188.72	202.79	43.6	42.6	46.3	4.63	4.43	4.38
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	359.77	319.09	298.05	47.4	40.7	39.9	7.59	7.84	7.47
Bituminous coal & lignite mining	340.06	311.35	356.27	31.4	29.4	35.1	10.83	10.59	10.15
Nonmetallic minerals, exc. fuels	335.21	342.49	322.34	46.3	47.7	48.4	7.24	7.18	6.66
Communication	365.71	326.75	328.41	41.7	41.1	41.0	8.77	7.95	8.01
Electric, gas, & sanitary services	388.44	379.68	358.56	44.7	44.2	43.2	8.69	8.59	8.30
Electric services	410.71	391.46	365.12	47.1	46.0	44.8	8.72	8.51	8.15
Gas production & distribution	331.14	328.80	311.67	42.4	42.1	41.5	7.81	7.81	7.51
General merchandise stores	133.10	130.38	123.27	28.5	28.1	28.6	4.67	4.64	4.31
Banking	169.72	169.61	153.88	INA	INA	INA	INA	INA	INA
Insurance carriers	206.87	204.33	194.92	INA	INA	INA	INA	INA	INA
Life insurance	196.00	189.32	187.70	INA	INA	INA	INA	INA	INA
Fire, marine & casualty ins.	209.46	208.39	193.89	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$154.42	39.8	$3.88	$172.61	41.0	$4.21	$130.60	38.3	$3.41	$191.83	40.3	$4.76
1973	167.23	40.2	4.16	187.17	41.5	4.51	139.03	38.3	3.63	212.38	41.4	5.13
1974	180.97	39.6	4.57	203.45	41.1	4.95	146.59	37.3	3.93	239.61	41.1	5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1978 Aug	257.44	40.1	6.42	291.28	41.2	7.07	206.75	38.5	5.37	360.96	41.3	8.74
Sep	263.66	40.5	6.51	300.00	41.9	7.16	209.83	38.5	5.45	371.78	42.2	8.81
Oct	262.10	40.2	6.52	297.86	41.6	7.16	209.34	38.2	5.48	365.20	41.5	8.80
Nov	270.50	40.8	6.63	307.22	42.2	7.28	213.84	38.6	5.54	381.38	42.9	8.89
Dec	270.95	40.5	6.69	306.08	41.7	7.34	216.55	38.6	5.61	368.87	41.4	8.91
1979 Jan	269.20	40.0	6.73	305.95	41.4	7.39	212.81	37.8	5.63	373.92	41.5	9.01
Feb	271.32	39.9	6.80	308.92	41.3	7.48	212.06	37.6	5.64	384.14	41.8	9.19
Mar	274.44	40.3	6.81	313.50	41.8	7.50	215.65	38.1	5.66	387.74	42.1	9.21
Apr	265.30	38.9	6.82	301.50	40.2	7.50	209.59	36.9	5.68	396.68	42.2	9.40
May	273.14	39.7	6.88	311.54	41.1	7.58	215.27	37.7	5.71	387.39	41.3	9.38
Jun	278.29	40.1	6.94	316.30	41.4	7.64	218.12	38.0	5.74	397.00	42.1	9.43
Jul	277.31	39.9	6.95	313.65	41.0	7.65	221.37	38.3	5.78	397.00	42.1	9.43
Aug	279.49	39.7	7.04	316.61	40.8	7.76	222.30	38.0	5.85	397.44	41.1	9.67

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$168.47	41.7	$4.04	$183.17	42.4	$4.32	$161.57	40.8	$3.96	$180.59	40.4	$4.47
1973	182.68	41.9	4.36	198.77	43.4	4.58	167.69	40.8	4.11	197.69	41.1	4.81
1974	196.24	41.4	4.74	209.78	42.9	4.89	175.96	39.9	4.41	215.54	40.9	5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1978 Aug	263.41	40.4	6.52	290.96	42.6	6.83	251.33	40.8	6.16	307.34	40.6	7.57
Sep	274.39	41.2	6.66	295.48	42.7	6.92	260.62	41.5	6.28	326.90	42.4	7.71
Oct	273.36	40.8	6.70	297.08	42.5	6.99	259.78	41.3	6.29	326.98	42.3	7.73
Nov	280.57	41.2	6.81	304.72	43.1	7.07	263.54	41.7	6.32	338.55	42.8	7.91
Dec	285.49	41.8	6.83	309.31	42.9	7.21	264.92	41.2	6.43	348.29	43.7	7.97
1979 Jan	278.94	40.9	6.82	302.74	42.4	7.14	259.84	40.6	6.40	345.06	42.6	8.10
Feb	281.11	40.8	6.89	306.00	42.5	7.20	260.58	40.4	6.45	339.81	41.9	8.11
Mar	287.04	41.3	6.95	310.17	42.9	7.23	264.68	41.1	6.44	341.88	42.0	8.14
Apr	261.23	38.7	6.75	286.63	40.2	7.13	250.63	39.1	6.41	311.65	39.4	7.91
May	288.23	41.0	7.03	303.47	41.8	7.26	261.55	40.3	6.49	333.33	41.0	8.13
Jun	288.36	40.5	7.12	309.33	42.2	7.33	264.31	40.6	6.51	334.15	41.0	8.15
Jul	282.80	40.0	7.07	303.99	41.7	7.29	260.95	39.9	6.54	334.55	40.7	8.22
Aug	281.69	39.9	7.06	309.64	41.9	7.39	263.48	39.8	6.62	345.65	41.1	8.41

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$149.48	40.4	$3.70	$113.08	39.4	$2.87	$ 94.24	33.9	$2.78	$170.33	38.8	$4.39
1973	158.36	40.5	3.91	120.43	39.1	3.08	99.71	33.8	2.95	180.81	38.8	4.66
1974	171.68	40.3	4.26	124.74	37.8	3.30	103.02	32.6	3.16	189.52	38.0	4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1978 Aug	244.96	41.1	5.96	166.99	38.3	4.36	140.42	34.0	4.13	249.81	36.9	6.77
Sep	249.00	41.5	6.00	171.83	38.7	4.44	141.96	33.8	4.20	251.40	36.7	6.85
Oct	246.22	40.9	6.02	169.73	38.4	4.42	140.86	33.3	4.23	248.66	36.3	6.85
Nov	250.69	41.3	6.07	170.37	38.2	4.46	144.33	33.8	4.27	253.31	36.5	6.94
Dec	250.69	41.3	6.07	175.11	39.0	4.49	143.05	33.5	4.27	268.88	37.5	7.17
1979 Jan	243.01	40.1	6.06	174.72	38.4	4.55	140.28	32.7	4.29	254.51	36.1	7.05
Feb	240.34	39.4	6.10	171.00	37.5	4.56	141.57	33.0	4.29	252.74	35.9	7.04
Mar	247.02	40.1	6.16	178.87	38.8	4.61	140.91	33.0	4.27	258.09	36.3	7.11
Apr	242.09	39.3	6.16	173.58	37.9	4.58	137.03	31.5	4.35	245.70	35.1	7.00
May	248.00	40.0	6.20	180.11	38.9	4.63	139.54	32.3	4.32	254.54	35.8	7.11
Jun	248.58	39.9	6.23	182.82	39.4	4.64	143.77	32.9	4.37	256.68	36.0	7.13
Jul	253.49	40.3	6.29	178.31	38.1	4.68	145.25	33.7	4.31	265.27	37.1	7.15
Aug	256.14	40.4	6.34	179.07	38.1	4.70	143.23	32.7	4.38	265.66	37.0	7.18

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1968	$119.20	40.0	$2.98	105.6	104.2	$114.40	$ 4.80
1969	127.52	40.1	3.18	112.7	109.8	116.14	11.38
1970	131.71	39.2	3.36	119.1	116.3	113.25	18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33

Real Earnings are computed by adjusting current earnings for changes in
The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 10 EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978
MANUFACTURING	993.1	997.1	1,000.3	39,429.7	39,832.7	40,123.2	277,736.3	276,988.9	257,423.5
DURABLE GOODS	602.4	610.0	598.0	24,592.7	25,026.8	24,629.2	190,917.7	191,359.7	174,102.5
NONDUR. GOODS	390.7	387.1	402.3	14,837.0	14,805.9	15,494.0	86,818.6	85,629.2	83,321.0

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Group
(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1972	1,444.0	841.7	24.7	22.5	65.3	210.7	120.5	131.0
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.5	809.3	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,362.1	825.4	21.7	20.3	64.3	199.5	112.3	137.3
1978 Aug.	1,375.1	833.2	22.6	20.4	65.5	202.3	112.5	138.6
Sep.	1,375.7	835.2	22.5	20.0	65.2	201.0	113.4	139.6
Oct.	1,372.1	832.3	22.5	20.8	64.9	199.6	113.2	139.2
Nov.	1,375.3	836.8	22.0	20.7	64.6	200.3	114.0	138.4
Dec.	1,371.2	837.0	21.4	20.9	63.8	201.4	114.5	138.7
1979 Jan.	1,364.3	835.0	20.8	20.7	62.2	201.7	114.5	140.6
Feb.	1,363.4	837.0	20.8	20.8	61.3	202.1	114.8	140.9
Mar.	1,365.4	837.3	21.1	20.3	62.0	201.7	114.6	140.8
Apr.	1,365.5	836.8	21.7	20.2	62.5	201.6	114.9	141.2
May	1,368.4	841.8	21.8	20.0	63.4	202.2	114.6	140.8
Jun.	1,387.3	854.2	22.1	20.4	65.1	206.8	115.4	141.8
Jul.	1,374.3	849.5	21.7	19.7	64.9	206.5	113.5	140.2
Aug.	1,366.4 *	837.8	21.9	20.5	64.5	206.6	115.1	137.1 *

Year and Month	Electrical Equipment and Supplies	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1972	133.7	69.0	34.0	30.4	602.3	109.6	7.5	62.9
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.3	37.3	27.8	532.2	98.8	3.6	49.4
1978	124.6	80.6	38.3	26.6	536.7	98.1	4.1	50.6
1978 Aug.	124.8	81.8	37.9	26.8	541.9	98.6	4.2	51.7
Sep.	125.7	82.7	37.9	27.2	540.5	99.8	4.2	51.0
Oct.	126.1	81.1	37.3	27.6	539.8	99.3	4.2	51.2
Nov.	125.9	84.4	38.8	27.7	538.5	99.9	4.2	51.2
Dec.	126.1	85.1	38.9	26.2	534.2	99.2	4.1	50.5
1979 Jan.	126.6	83.5	39.2	25.2	529.3	96.8	4.1	49.6
Feb.	126.6	84.6	39.5	25.6	526.4	94.1	4.0	49.1
Mar.	126.5	84.6	39.8	25.9	528.1	95.2	4.0	49.3
Apr.	127.4	81.3	39.9	26.1	528.7	95.6	3.9	49.1
May	127.6	85.5	39.9	26.0	526.6	94.6	3.9	49.2
Jun.	128.3	87.2	40.4	26.7	533.1	96.4	3.9	49.2
Jul.	129.3	87.2	40.0	26.5	524.8	96.5	3.8	47.8
Aug.	119.5 *	86.5	39.1	27.0	528.6	98.5	3.8	48.7

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)
Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1972	162.6	66.0	44.9	71.8	59.4	19.8	38.7	25.1
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	133.0	59.8	44.5	70.6	60.0	17.0	39.8	19.0
1978 Aug.	133.6	59.9	45.8	70.1	60.8	17.5	40.7	18.9
Sep.	134.0	60.4	45.8	69.6	60.1	17.0	40.4	18.6
Oct.	133.3	60.5	45.7	69.6	60.3	17.1	40.8	18.3
Nov.	132.5	60.0	44.7	69.8	60.0	16.9	40.9	18.4
Dec.	128.4	58.4	45.0	71.1	60.5	16.6	50.7	18.1
1979 Jan.	127.6	58.9	44.6	70.8	60.6	16.6	40.5	18.1
Feb.	129.6	59.2	44.1	70.4	60.1	16.5	40.6	17.9
Mar.	128.9	59.4	44.3	70.8	60.8	16.6	40.7	17.5
Apr.	129.3	58.8	44.8	70.8	60.9	16.9	40.4	17.0
May	127.8	57.4	44.3	70.9	61.1	17.1	40.5	17.2
Jun.	128.8	58.5	45.2	71.3	62.1	17.6	41.2	17.4
Jul.	123.6	55.6	45.2	71.0	62.3	17.6	40.9	16.1
Aug.	123.0	54.5	46.1	71.2	62.2	17.7	40.9	16.5

TABLE 12. SELECTED PENNSYLVANIA INDICES
(Not Adjusted)
1967 = 100

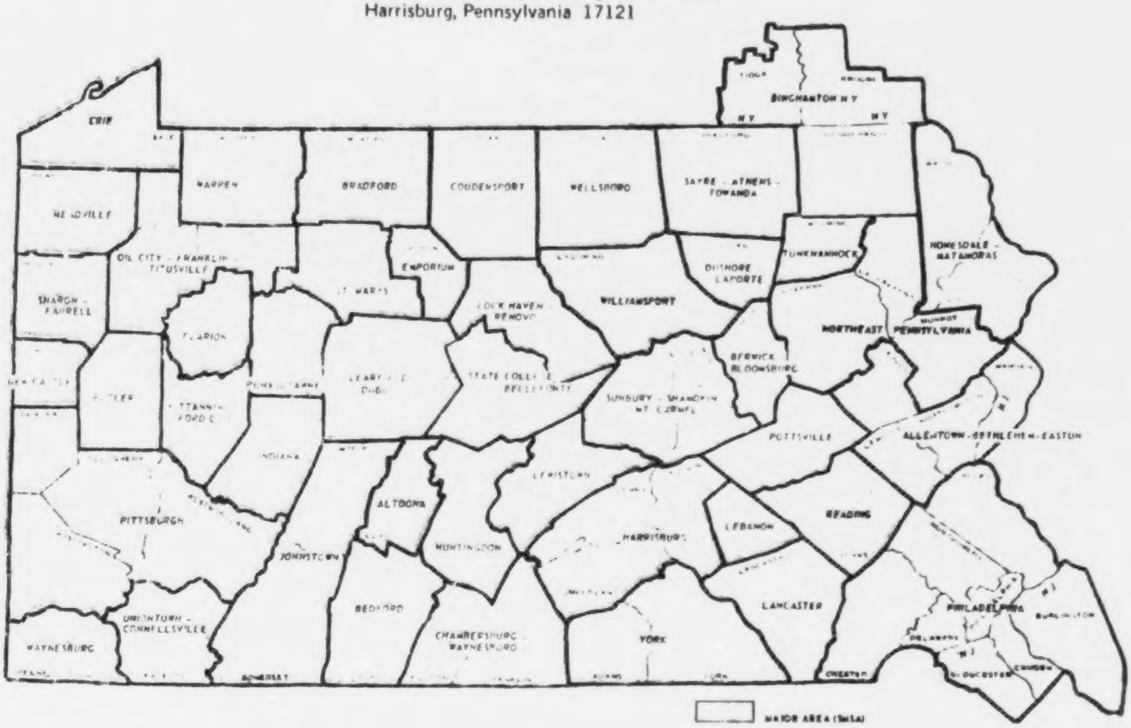
Industry Group	1979		1978	1977	ANNUAL AVERAGE	
	Aug.	Jul.	Aug.	Aug.	1978	1977
EMPLOYMENT						
All Manufacturing	87.8	88.3	88.3	87.0	87.5	86.2
Primary Metals	80.6	80.6	78.9	78.1	77.8	77.9
Apparel	68.5	68.8	74.4	75.0	74.1	74.6
All Nonmanufacturing	127.3	127.4	127.7	123.3	126.7	123.5
Construction	113.2	113.3	121.6	113.4	107.6	101.3
Retail Trade	126.5	126.6	128.7	124.0	129.3	124.8
Services	148.9	148.9	144.8	140.7	144.9	140.8
Government	122.0	122.1	125.9	120.0	126.6	125.4

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to:

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121


ERIE
WARREN
BRADFORD
COUDERSPORT
WELLSBORO
SAYRE - ATHENS - TOWANDA
BINGHAMTON N Y
N Y
N Y
MEADVILLE
OIL CITY - FRANKLIN - TITUSVILLE
EMPORIUM
ST MARYS
LOCK HAVEN - RENOVO
WILLIAMSPORT
DUSHORE LAPORTE
TUNKHANNOCK
HONESDALE - MATAMORAS
SHARON - FARRELL
CLARION
NORTHEAST PENNSYLVANIA
BERWICK BLOOMSBURG
NEW CASTLE
BUTLER
PUNXSUTAWNEY
CLEARFIELD DUBOIS
STATE COLLEGE BELLEFONTE
SUNBURY - SHAMOKIN MT CARMEL
KITTANNING FORD CITY
INDIANA
POTTSVILLE
ALLENTOWN - BETHLEHEM - EASTON
N J
LEWISTOWN
ALTOONA
PITTSBURGH
HARRISBURG
LEBANON
READING
JOHNSTOWN
HUNTINGDON
BEDFORD
LANCASTER
PHILADELPHIA
N J
BURLINGTON
UNIONTOWN - CONNELLSVILLE
CHAMBERSBURG - WAYNESBORO
YORK
DELAWARE
N J
WAYNESBURG
SOMERSET
ADAMS
YORK
CHESTER
GLOUCESTER
CAMDEN
MAJOR AREA (SMSA)

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN - BETHLEHEM - EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania. Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania. Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES
MAJOR LABOR MARKET AREAS

(Per 100 Employees)
JULY 1979

Major Labor Market Area	Employment (Thousands)	Accession Rates: Total			Accession Rates: New Hires			Accession Rates: Recalls		
		Jul. 1979	Jun. 1979	Jul. 1978	Jul. 1979	Jun. 1979	Jul. 1978	Jul. 1979	Jun. 1979	Jul. 1978
PENNSYLVANIA	1,374.3	3.2	3.6	2.8	1.8	2.6	1.8	1.2	0.7	0.9
ALLENTOWN-BETHLEHEM-EASTON	109.6	3.4	3.1	2.6	1.7	2.2	1.5	1.5	0.7	0.9
ALTOONA	12.9	1.5	2.6	4.6	1.0	1.3	1.0	0.4	1.2	3.5
ERIE	45.0	2.5	3.7	2.4	1.5	2.3	1.4	0.7	0.9	0.7
HARRISBURG	43.3	5.3	4.2	4.7	3.3	3.6	3.4	1.7	0.3	1.1
JOHNSTOWN	20.4	2.8	2.4	2.0	1.2	1.0	0.8	1.5	1.3	1.2
LANCASTER	60.1	3.0	4.6	3.5	2.3	4.1	3.0	0.6	0.3	0.4
NORTHEAST	68.4	4.5	3.9	4.4	1.4	2.3	1.6	2.8	1.4	2.6
SCRANTON	26.7	5.0	3.8	3.5	1.2	1.9	1.6	3.6	1.8	1.8
WILKES-BARRE-HAZLETON	37.1	3.9	3.2	4.3	1.3	1.9	1.4	2.0	1.0	2.6
PHILADELPHIA	454.3	3.1	3.7	2.9	2.1	2.7	1.6	0.8	0.7	1.1
PITTSBURGH	258.0	2.6	2.8	2.6	1.6	2.1	1.4	0.7	0.4	1.0
READING	53.4	4.1	3.4	3.4	2.0	2.5	1.8	2.1	0.8	1.5
WILLIAMSPORT	18.0	1.4	2.3	2.3	0.5	1.4	1.6	0.8	0.6	0.7
YORK	64.3	4.1	4.1	4.7	2.4	3.2	3.5	1.6	0.7	1.0

Major Labor Market Area	Employment (Thousands)	Separation Rates: Total			Separation Rates: Quits			Separation Rates: Layoffs		
		Jul. 1979	Jun. 1979	Jul. 1978	Jul. 1979	Jun. 1979	Jul. 1978	Jul. 1979	Jun. 1979	Jul. 1978
PENNSYLVANIA	1,374.3	3.3	2.8	2.9	1.1	1.2	1.1	1.5	1.0	1.2
ALLENTOWN-BETHLEHEM-EASTON	109.6	3.2	2.5	3.3	0.8	1.1	1.0	1.9	0.8	1.9
ALTOONA	12.9	1.4	1.2	5.4	0.7	0.8	0.8	0.2	0.1	4.3
ERIE	45.0	3.0	2.2	3.5	1.2	1.0	1.0	0.9	0.4	1.5
HARRISBURG	43.3	2.5	2.4	2.8	1.4	1.4	1.6	0.6	0.2	0.7
JOHNSTOWN	20.4	2.8	2.5	2.0	0.8	0.7	0.6	0.9	0.7	0.8
LANCASTER	60.1	3.2	3.4	3.1	1.9	2.1	2.1	0.7	0.7	0.4
NORTHEAST	68.4	5.7	3.6	5.9	1.1	1.3	1.1	4.0	1.9	4.3
SCRANTON	26.7	4.4	4.3	4.9	0.7	1.2	0.7	3.3	2.7	3.6
WILKES-BARRE-HAZLETON	37.1	5.8	2.4	5.9	1.1	1.2	1.2	4.0	0.9	4.3
PHILADELPHIA	454.3	3.0	3.1	3.0	1.1	1.2	0.9	1.1	1.0	1.5
PITTSBURGH	258.0	2.6	2.0	2.0	0.6	0.6	0.5	1.1	0.7	0.8
READING	53.4	4.7	3.1	4.0	1.4	1.5	1.4	2.7	1.0	2.1
WILLIAMSPORT	18.0	3.8	1.9	3.1	0.7	0.6	1.1	2.8	0.9	1.5
YORK	64.3	3.7	3.7	3.9	1.6	2.0	2.2	1.4	1.2	1.1

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978
PENNSYLVANIA	$279.49	$277.31	$257.44	39.7	39.9	40.1	$7.04	$6.95	$6.42
ALLENTOWN-BETHLEHEM-EASTON	282.21	277.59	252.29	38.5	38.5	38.4	7.33	7.21	6.57
ALTOONA	235.95	235.38	208.45	39.0	39.1	37.9	6.05	6.02	5.50
ERIE	286.75	282.40	262.06	41.2	40.4	41.4	6.96	6.99	6.33
HARRISBURG	268.79	265.74	228.05	41.1	41.2	39.8	6.54	6.45	5.73
JOHNSTOWN	298.90	302.30	264.03	39.8	40.2	39.0	7.51	7.52	6.77
LANCASTER	244.82	245.01	225.20	40.6	40.7	40.0	6.03	6.02	5.63
NORTHEAST	202.71	198.97	184.76	37.4	37.4	37.1	5.42	5.32	4.98
SCRANTON	207.37	207.50	196.89	39.2	39.6	39.3	5.29	5.24	5.01
WILKES-BARRE-HAZLETON	198.53	192.96	176.22	35.9	35.8	35.6	5.53	5.39	4.95
PHILADELPHIA	281.50	279.60	263.31	40.1	40.0	40.2	7.02	6.99	6.55
PITTSBURGH	345.32	349.00	315.52	40.2	41.4	40.4	8.59	8.43	7.81
READING	250.75	244.22	227.37	38.4	38.1	38.8	6.53	6.41	5.86
WILLIAMSPORT	245.55	236.74	229.77	39.1	38.0	40.1	6.28	6.23	5.73
YORK	258.75	255.23	239.87	41.4	41.3	41.5	6.25	6.18	5.78

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT
MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	August 1979		July 1979		August 1978	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	5.9	6.0	5.8	5.7	5.8	5.9
PENNSYLVANIA	7.0	7.3	6.3	6.3	6.5	6.8
ALLENTOWN-BETH-EASTON	7.0	7.1	6.7	6.2	6.2	6.3
ALTOONA	8.6	9.6	7.3	7.6	6.8	7.7
ERIE	7.0	7.8	5.9	5.9	6.3	7.0
HARRISBURG	5.1	5.2	4.3	4.3	4.6	4.8
JOHNSTOWN	9.6	8.8	7.8	8.3	8.5	7.8
LANCASTER	4.7	5.1	4.1	4.1	4.1	4.5
NORTHEAST	8.9	9.6	9.6	8.9	7.4	8.1
SCRANTON	8.5	9.2	10.6	9.9	6.9	7.6
W BARRE-HAZLETON	9.3	9.9	9.3	8.5	7.9	8.4
PHILADELPHIA	7.2	7.1	6.5	6.4	7.4	7.4
PITTSBURGH	6.0	6.5	5.1	5.3	5.6	6.1
POTTSVILLE	8.8	-	9.5	-	6.5	-
READING	5.6	5.7	5.6	5.2	5.5	5.7
UNIONTOWN-CONNELLSVLE	8.8	-	7.7	-	7.1	-
WILLIAMSPORT	9.7	11.2	8.0	8.2	6.9	8.1
YORK	5.2	5.3	5.8	5.4	5.5	5.6

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978
UNITED STATES	104,363.0	104,995.0	102,047.0	98,226.0	98,891.0	96,116.0	6,137.0	6,104.0	5,931.0
PENNSYLVANIA	5,350.0	5,398.0	5,300.0	4,977.0	5,058.0	4,954.0	373.0	340.0	346.0
ALLENTOWN-BETH-EASTON	299.0	305.2	297.0	278.1	284.9	278.8	20.9	20.3	18.3
ALTOONA	58.0	58.9	56.9	53.0	54.6	53.0	5.0	4.3	3.9
ERIE	125.7	128.4	122.8	116.9	120.8	115.0	8.8	7.6	7.8
HARRISBURG	218.6	221.6	217.7	207.6	212.1	207.6	11.1	9.6	10.1
JOHNSTOWN	110.3	110.8	108.1	99.6	102.1	98.9	10.6	8.7	9.2
LANCASTER	175.6	178.2	173.3	167.3	170.9	166.2	8.3	7.2	7.1
NORTHEAST	282.3	290.7	280.8	257.2	262.8	260.0	25.1	28.0	20.9
SCRANTON	103.9	108.7	103.3	95.1	97.1	96.1	8.8	11.6	7.2
W BARRE-HAZLETON	152.8	156.0	152.0	138.5	141.5	140.0	14.3	14.5	12.0
PHILADELPHIA	2,179.1	2,126.3	2,083.6	2,022.9	1,987.7	1,928.7	156.2	138.6	154.8
PITTSBURGH	1,003.2	1,030.2	1,000.0	943.3	977.6	943.9	59.9	52.6	56.1
POTTSVILLE	66.1	68.8	67.7	60.3	62.2	63.3	5.8	6.5	4.4
READING	151.0	154.9	145.9	142.6	146.2	137.9	8.4	8.7	8.0
UNIONTOWN-CONNELLSVLE	58.9	59.5	60.6	53.7	54.9	56.3	5.2	4.6	4.3
WILLIAMSPORT	54.7	55.4	53.6	49.4	50.9	50.0	5.3	4.4	3.7
YORK	167.8	172.9	166.8	159.1	162.8	157.6	8.8	10.1	9.2

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

STATE and AREA data include persons involved in labor management disputes, not included in U.S. data.

Area	Nonagricultural Wage and Salary			Private Sector *		
	Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978
UNITED STATES	88,714.0	88,708.0	86,134.0	73,777.0	73,641.0	71,375.0
PENNSYLVANIA	4,711.1	4,711.5	4,714.7	3,998.2	4,006.9	3,395.4
ALLENTOWN-BETHLEHEM-EASTON	261.0	260.3	261.1	231.6	230.5	231.2
ALTOONA	52.4	52.4	52.8	45.3	44.9	45.3
ERIE	117.2	117.5	115.3	102.6	102.7	101.1
HARRISBURG	216.3	216.1	218.1	161.0	160.3	163.0
JOHNSTOWN	90.4	90.0	89.7	74.6	73.7	74.5
LANCASTER	149.9	149.7	148.4	136.3	136.1	134.6
NORTHEAST	242.2	240.0	245.4	201.2	199.4	205.1
SCRANTON	87.5	85.6	88.6	73.9	72.7	75.1
WILKES-BARRE-HAZLETON	124.3	124.5	127.8	104.2	103.8	108.1
PHILADELPHIA	1,887.3	1,890.3	1,877.7	1,581.5	1,589.9	1,571.9
PITTSBURGH	948.9	954.9	952.4	822.5	834.5	827.2
POTTSVILLE	48.3	48.3	51.2	40.0	40.3	42.4
READING	138.5	138.2	134.0	123.0	122.6	118.6
UNIONTOWN-CONNELLSVILLE	36.9	36.6	38.6	29.7	29.4	31.4
WILLIAMSPORT	49.7	49.5	50.3	42.9	42.7	43.1
YORK	152.2	151.5	151.0	134.6	133.6	133.3

Area	Manufacturing			Nonmanufacturing		
	Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978
UNITED STATES	20,815.0	20,775.0	20,462.0	67,899.0	67,933.0	65,672.0
PENNSYLVANIA	1,366.4	1,374.3	1,375.1	3,323.9	3,325.1	3,334.5
ALLENTOWN-BETHLEHEM-EASTON	110.6	109.6	110.2	150.0	150.4	150.9
ALTOONA	13.1	12.9	12.9	39.3	39.5	39.9
ERIE	45.3	45.0	44.2	71.9	72.5	71.0
HARRISBURG	43.9	43.3	42.5	172.1	172.5	175.6
JOHNSTOWN	20.9	20.4	20.7	69.5	69.6	68.9
LANCASTER	60.4	60.1	60.5	89.4	89.5	87.9
NORTHEAST	69.7	68.4	73.3	171.5	171.2	171.9
SCRANTON	27.7	26.7	28.7	59.1	58.7	59.7
WILKES-BARRE-HAZLETON	37.3	37.1	40.3	86.8	87.1	87.4
PHILADELPHIA	451.5	454.3	448.5	1,432.4	1,435.6	1,428.8
PITTSBURGH	246.7	258.0	253.1	690.5	691.4	696.9
POTTSVILLE	20.4	20.7	22.1	27.7	27.6	29.1
READING	53.7	53.4	52.5	84.6	84.7	81.4
UNIONTOWN-CONNELLSVILLE	8.4	8.2	8.5	28.5	28.4	30.1
WILLIAMSPORT	17.9	18.0	18.6	31.8	31.5	31.7
YORK	65.4	64.3	64.1	86.6	87.0	86.9

* Excludes Government employment

TABLE 17. LABOR TURNOVER RATES IN PENNSYLVANIA
NONDURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	Nondurable Goods						Food & Kindred						Textiles						Apparel					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	4.3	3.1		4.4	2.4	1.3	5.1	3.4		5.4	2.8	1.9	5.1	4.3		5.2	3.6	0.7	4.8	3.0		5.1	2.4	1.9
1974	4.2	2.7		4.9	2.1	2.1	5.2	3.3		5.8	2.6	2.5	4.5	3.6		5.5	3.1	1.7	5.2	2.5		6.6	2.1	3.8
1975	4.1	1.8		4.4	1.3	2.5	4.6	2.3		4.9	1.5	2.7	4.5	2.3		5.1	1.6	2.8	5.6	2.3		5.6	1.5	3.9
1976	3.9	2.2	1.4	4.1	1.4	2.0	4.6	2.3	2.0	4.9	1.4	2.8	4.5	3.0	1.2	4.8	2.2	1.9	4.8	2.5	2.0	5.5	1.7	2.9
1977	3.9	2.3	1.4	3.9	1.5	1.8	4.9	2.4	2.2	5.0	1.6	2.8	4.3	3.0	1.1	4.6	2.2	1.8	5.1	2.6	2.2	5.1	1.8	2.6
1978	3.6	2.4	1.0	3.6	1.7	1.3	4.1	2.5	1.4	4.3	1.8	1.9	4.5	3.5	0.8	4.2	2.6	0.9	4.3	2.7	1.3	4.6	2.0	1.8
Jul	3.5	2.3	1.0	3.8	1.6	1.5	4.2	2.5	1.6	3.7	1.4	1.7	4.8	2.5	1.1	5.0	2.6	1.4	4.0	2.4	1.3	5.8	2.0	2.9
Aug	4.4	2.9	1.2	4.8	2.8	1.2	5.2	3.3	1.5	3.9	2.3	1.0	4.8	4.0	0.6	5.1	3.6	0.5	5.2	3.1	1.7	5.5	3.2	1.3
Sep	3.9	3.0	0.7	4.3	2.7	1.0	4.8	3.4	1.2	4.6	2.7	1.2	4.6	4.1	0.3	5.4	3.9	0.8	4.6	3.3	1.0	5.0	3.0	1.1
Oct	3.9	2.9	0.8	3.9	2.0	1.3	5.2	3.4	1.6	5.2	2.4	2.1	5.0	4.4	0.4	4.5	3.1	0.8	4.1	3.0	0.8	4.8	2.3	1.8
Nov	3.0	2.1	0.7	3.6	1.5	1.5	4.0	2.8	0.9	4.2	1.9	1.7	3.4	2.8	0.5	4.0	2.2	1.2	3.4	2.2	0.9	4.7	1.7	2.2
Dec	2.2	1.4	0.7	3.5	1.2	1.6	2.6	1.9	0.6	4.8	1.5	2.5	2.5	1.7	0.7	3.5	1.6	1.3	2.0	1.2	0.7	4.8	1.2	2.8
1979																								
Jan	4.0	2.2	1.6	3.9	1.5	1.7	3.6	2.0	1.4	5.2	1.6	3.0	4.1	3.2	0.7	4.3	2.5	1.2	6.7	2.6	3.8	4.9	1.8	2.3
Feb	3.1	1.9	1.1	2.9	1.3	1.0	3.1	1.5	1.4	3.5	1.5	1.5	3.0	2.1	0.8	3.4	2.2	0.6	4.9	2.7	1.9	3.9	1.6	1.8
Mar	3.8	2.3	1.3	3.7	1.6	1.3	3.5	2.0	1.4	3.5	1.5	1.4	3.6	2.5	0.9	3.9	2.3	0.9	4.8	2.8	1.8	5.4	2.0	2.4
Apr	3.6	2.1	1.1	3.5	1.5	1.3	4.3	2.5	1.6	4.1	1.6	2.0	3.6	2.6	0.8	4.1	2.4	1.1	4.3	2.2	1.7	4.5	1.8	1.8
May	4.1	2.7	1.1	3.7	1.7	1.4	5.0	3.4	1.3	4.7	1.9	2.1	4.1	3.3	0.6	4.0	2.6	0.9	4.9	2.5	2.0	5.2	1.9	2.6
Jun	4.3	3.0	1.0	3.6	1.7	1.3	5.1	3.6	1.2	4.4	2.0	1.7	4.3	3.6	0.5	4.0	2.5	0.8	4.7	2.5	1.8	5.1	2.0	2.2
Jul	4.0	2.2	1.6	4.4	1.6	2.1	5.6	2.9	2.5	4.2	1.8	1.7	5.1	2.9	2.1	6.3	2.6	3.0	5.0	2.0	2.6	6.5	1.9	3.9

Year & Month	Paper & Allied Products						Printing & Publishing						Chemicals						Petroleum & Coal Products					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	3.1	2.6		3.0	1.7	0.6	2.8	2.2		2.9	1.6	0.8	2.5	1.8		2.4	1.2	0.6	1.6	1.3		2.0	0.7	0.4
1974	2.7	2.0		3.5	1.6	1.3	2.4	1.9		2.6	1.4	0.7	2.2	1.6		2.3	1.0	0.7	1.4	1.1		1.4	0.6	0.3
1975	3.4	1.0		3.7	0.7	2.5	2.0	1.1		2.5	0.8	1.3	2.2	0.9		2.4	0.5	1.4	1.1	0.8		1.1	0.3	0.3
1976	2.5	1.5	0.9	2.4	0.8	1.1	2.3	1.5	0.6	2.3	0.9	0.9	2.1	1.2	0.7	1.9	0.6	0.8	1.5	1.0	0.2	1.6	0.4	0.3
1977	2.6	1.5	0.9	2.7	0.9	1.3	2.3	1.5	0.6	2.1	1.0	0.7	2.0	1.3	0.6	2.0	0.7	0.6	1.4	1.1	0.1	1.5	0.5	0.3
1978	2.7	1.7	0.8	2.6	1.1	0.9	2.5	1.8	0.6	2.4	1.2	0.8	2.0	1.4	0.5	1.8	0.7	0.5	1.4	1.1	0.2	1.5	0.5	0.4
Jul	2.5	1.7	0.6	2.7	1.2	1.0	2.0	1.5	0.4	1.9	1.0	0.5	2.2	1.4	0.6	1.6	0.7	0.5	1.3	1.1	N	1.0	0.4	0.2
Aug	3.0	2.0	0.8	3.9	2.4	0.7	2.3	1.8	0.4	4.8	1.9	2.1	2.0	1.5	0.4	3.2	1.8	0.7	0.9	0.8	0.1	2.9	1.3	0.7
Sep	2.8	2.4	0.2	4.1	2.3	1.2	2.7	2.3	0.3	2.5	1.7	0.3	1.7	1.3	0.3	2.2	1.2	0.5	1.4	1.1	0.1	2.4	1.4	0.5
Oct	2.9	1.9	0.8	2.9	1.2	1.1	2.7	2.2	0.4	2.4	1.4	0.7	2.0	1.6	0.3	1.8	0.7	0.7	1.1	1.0	0.1	1.5	0.5	0.5
Nov	1.9	1.3	0.5	3.3	0.8	2.0	2.5	1.6	0.8	2.3	1.2	0.8	1.4	1.0	0.3	1.4	0.6	0.4	0.7	0.5	N	1.5	0.3	0.7
Dec	2.3	1.0	1.1	2.4	0.7	1.2	2.1	1.3	0.7	1.9	1.1	0.5	1.2	0.9	0.2	1.3	0.5	0.3	0.6	0.4	N	1.8	0.3	0.8
1979																								
Jan	2.5	1.2	1.1	3.4	0.9	1.8	2.8	2.2	0.6	2.9	1.2	1.1	1.6	1.2	0.3	1.7	0.6	0.5	1.0	0.7	0.2	1.1	0.3	0.5
Feb	2.0	1.1	0.8	1.9	0.8	0.6	2.4	1.6	0.7	1.9	1.1	0.5	1.5	1.2	0.3	1.4	0.5	0.3	1.0	0.6	0.3	1.2	0.4	0.2
Mar	2.4	1.4	0.8	1.9	1.0	0.4	2.7	1.7	1.0	2.0	1.1	0.6	2.1	1.6	0.4	1.4	0.7	0.3	1.2	0.9	0.2	0.7	0.3	0.1
Apr	2.6	1.6	0.8	2.5	1.1	0.8	2.4	1.8	0.5	2.3	1.2	0.8	1.6	1.1	0.3	1.2	0.6	0.4	2.0	1.1	0.8	1.2	0.5	0.4
May	3.8	2.6	0.9	2.5	1.2	0.8	2.7	2.2	0.5	2.4	1.3	0.7	2.2	1.7	0.4	1.3	0.6	0.3	2.4	1.6	0.4	1.0	0.4	0.2
Jun	4.1	3.2	0.7	2.0	1.1	0.5	3.3	2.6	0.6	[illegible]	1.3	0.8	3.0	2.4	0.4	1.5	0.7	0.4	2.8	2.6	0.1	1.2	0.2	0.3
Jul	5.0	3.0	1.9	4.0	1.3	2.0	2.4	1.7	0.6	[illegible]	1.2	0.6	1.6	1.2	0.3	1.3	0.7	0.3	2.8	2.4	0.3	1.1	0.5	0.2

Year & Month	Rubber & Plastics						Leather Goods					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	5.0	3.9		4.8	2.7	0.9	7.5	6.3		7.9	5.7	1.3
1974	4.4	3.0		5.2	2.3	1.8	7.1	5.6		8.6	5.1	2.6
1975	3.7	1.1		4.9	0.9	3.1	6.8	5.1		7.0	3.5	2.6
1976	4.1	2.2	1.6	3.7	1.3	1.5	6.4	4.7	1.4	7.2	3.9	2.4
1977	3.5	2.3	1.0	3.6	1.4	1.3	6.6	4.9	1.3	6.8	4.1	1.8
1978	3.3	2.2	0.8	3.2	1.5	1.0	7.0	5.0	1.5	8.0	4.8	2.4
Jul	3.2	2.0	0.8	2.8	1.4	0.7	7.3	5.0	1.9	8.4	4.3	3.5
Aug	3.7	2.6	0.9	4.2	2.8	0.5	11.2	6.3	4.5	12.4	7.4	4.0
Sep	3.6	[illegible]	[illegible]	4.5	2.6	1.1	8.5	6.7	1.3	10.3	6.8	2.5
Oct	4.5	3.0	1.2	3.1	1.6	0.8	6.7	4.9	1.5	8.4	5.2	2.3
Nov	2.9	2.0	0.6	3.0	1.3	1.1	5.8	4.2	1.1	7.5	4.2	2.5
Dec	1.9	1.3	0.5	2.3	1.0	1.0	4.5	2.7	1.5	7.0	3.5	2.7
1979												
Jan	3.8	2.6	1.0	2.7	1.2	0.8	7.7	4.8	2.2	6.5	3.7	2.1
Feb	3.0	2.0	0.8	2.7	1.2	0.9	4.4	3.4	0.5	5.4	3.2	1.5
Mar	3.1	2.2	0.6	3.5	1.5	1.1	6.8	4.7	1.5	8.3	4.5	2.8
Apr	3.8	2.2	1.4	3.4	1.2	1.4	6.7	4.9	1.5	8.2	4.7	2.5
May	4.8	3.2	1.2	3.2	1.5	0.8	7.9	5.8	1.5	8.2	5.4	1.4
Jun	4.5	3.4	0.7	2.9	1.2	1.0	7.8	5.7	1.5	7.3	4.5	2.1
Jul	3.0	2.0	0.7	3.3	1.5	0.9	5.7	4.0	1.2	12.0	4.6	5.3

N = Negligible

TABLE 18. LABOR TURNOVER RATES IN PENNSYLVANIA
DURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	All Manufacturing						Durable Goods						Furniture & Fixtures						Stone, Clay & Glass					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	3.7	2.7		3.5	1.8	0.9	3.3	2.4		3.0	1.5	0.7	6.4	5.2		6.6	4.2	1.4	4.1	2.4		3.8	1.6	1.5
1974	3.4	2.2		3.9	1.6	1.6	2.9	1.9		3.2	1.2	1.3	5.0	3.5		7.0	2.9	3.0	3.6	2.0		4.6	1.4	2.5
1975	3.3	1.4		3.9	0.8	2.3	2.8	0.9		3.7	0.6	2.5	5.8	2.0		6.1	1.2	4.1	3.9	1.0		4.6	0.7	3.3
1976	3.3	1.5	1.5	3.5	0.9	1.9	2.9	1.0	1.6	3.1	0.6	1.8	5.1	2.8	2.0	5.2	1.8	2.5	3.7	1.3	2.3	3.5	0.7	2.2
1977	3.4	1.7	1.5	3.5	1.0	1.8	3.1	1.3	1.6	3.2	0.7	1.8	6.4	3.8	2.4	5.6	2.1	2.5	3.9	1.4	2.4	3.6	0.8	2.2
1978	3.0	1.8	0.9	2.9	1.2	1.1	2.6	1.5	0.9	2.4	0.8	0.9	4.8	4.0	0.6	4.7	2.7	1.0	2.7	1.6	1.0	2.8	0.9	1.2
Jul	2.8	1.8	0.9	2.9	1.1	1.2	2.4	1.5	0.7	2.4	0.7	1.0	4.8	3.4	1.1	5.5	2.2	2.3	2.4	1.5	0.8	2.7	0.9	1.3
Aug	3.3	2.1	0.9	3.5	1.9	0.8	2.7	1.7	0.7	2.7	1.4	0.6	6.9	5.2	1.4	6.9	4.5	1.0	2.9	2.0	0.7	3.7	2.0	0.7
Sep	3.2	2.3	0.7	3.4	1.9	0.8	2.6	1.8	0.6	2.7	1.3	0.7	5.7	5.1	0.4	5.0	3.3	0.5	2.8	2.0	0.5	3.3	1.5	1.3
Oct	3.1	2.2	0.7	3.0	1.3	1.0	2.7	1.8	0.6	2.3	0.9	0.7	5.6	5.0	0.4	5.4	3.2	0.9	2.3	1.6	0.6	2.6	0.8	1.2
Nov	2.3	1.5	0.6	2.7	1.0	1.1	2.0	1.2	0.6	2.1	0.6	0.9	3.9	3.4	0.3	4.1	2.3	0.9	1.8	1.0	0.5	2.5	0.7	0.9
Dec	1.9	1.1	0.6	2.7	0.8	1.3	1.6	0.9	0.5	2.1	0.5	1.0	2.8	2.5	0.2	3.3	1.9	0.5	1.7	0.7	0.8	3.6	0.5	2.2
1979																								
Jan	3.3	1.9	1.2	3.1	1.0	1.4	2.8	1.6	0.9	2.7	0.7	1.1	4.0	3.4	0.5	5.0	2.1	1.8	2.1	0.9	1.1	4.1	0.7	2.8
Feb	2.6	1.6	0.9	2.5	0.9	0.9	2.4	1.4	0.8	2.3	0.7	1.5	3.7	2.3	1.5	4.2	1.6	1.5	2.6	0.8	1.6	2.4	0.5	1.2
Mar	3.1	1.8	1.0	2.9	1.1	1.0	2.6	1.5	0.9	2.3	0.8	0.8	4.1	3.5	0.3	5.7	2.4	1.9	3.8	1.0	2.7	2.6	0.7	1.4
Apr	2.9	1.7	0.9	2.8	1.1	1.0	2.5	1.5	0.8	2.3	0.8	0.6	4.2	3.1	0.6	6.0	2.0	2.9	3.8	1.7	2.0	2.4	0.7	1.2
May	3.6	2.3	1.0	2.8	1.2	0.9	3.2	2.0	0.9	2.2	0.9	0.6	7.8	4.3	3.3	6.9	2.2	3.2	3.8	2.3	1.3	1.9	0.8	0.6
Jun	3.6	2.6	0.7	2.8	1.2	1.0	3.1	2.3	0.6	2.3	0.9	0.8	6.5	3.8	2.4	4.6	2.4	0.8	3.6	2.6	0.7	2.3	0.8	1.0
Jul	3.2	1.8	1.2	3.3	1.1	1.5	2.8	1.6	0.9	2.7	0.8	1.2	6.6	3.5	3.0	7.6	2.0	4.5	3.2	1.8	1.3	2.4	0.7	1.2

Year & Month	Primary Metals						Fabricated Metals						Machinery except Electrical						Electric & Electronic Equipment					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	2.4	1.8		2.1	1.0	0.4	4.0	2.9		3.8	1.7	1.2	2.8	2.3		2.1	1.2	0.3	3.2	2.4		3.0	1.5	0.6
1974	2.3	1.5		2.3	0.9	0.8	3.7	2.4		4.1	1.4	1.8	2.6	2.1		2.3	1.2	0.4	2.2	1.4		2.9	1.1	1.1
1975	3.0	0.5		4.3	0.3	3.3	2.8	1.1		3.8	0.6	2.5	1.7	0.9		2.7	0.6	1.5	1.6	0.4		2.8	0.4	1.8
1976	3.3	0.6	2.4	3.3	0.4	2.2	2.7	1.1	1.5	3.5	0.6	2.2	2.4	0.9	1.4	2.8	0.6	1.7	2.1	1.0	0.7	2.2	0.6	0.9
1977	2.9	0.8	1.8	3.2	0.4	2.0	3.3	1.3	1.8	3.4	0.7	2.1	3.2	1.0	2.0	3.5	0.6	2.3	2.5	1.2	0.8	2.6	0.7	1.2
1978	2.5	1.1	1.2	2.4	0.5	1.1	3.1	1.6	1.2	3.0	0.9	1.3	2.1	1.4	0.5	1.6	0.7	0.4	2.3	1.3	0.7	2.3	0.8	0.8
Jul	2.3	1.3	0.8	1.8	0.4	0.6	2.8	1.5	1.1	2.5	0.9	0.8	2.0	1.4	0.3	1.6	0.7	0.5	2.3	1.3	0.7	2.7	0.8	1.3
Aug	2.0	1.2	0.6	3.1	1.5	0.8	3.7	2.1	1.3	3.2	1.6	0.8	2.0	1.6	0.3	1.9	1.1	0.2	2.8	1.5	0.9	2.5	1.3	0.5
Sep	2.0	1.1	0.7	2.6	1.2	0.7	3.1	2.2	0.7	3.2	1.5	1.0	1.8	1.5	0.2	1.8	1.0	0.3	2.5	1.5	0.7	2.6	1.3	0.5
Oct	2.0	1.0	0.7	2.2	0.5	1.0	3.3	2.5	0.6	2.9	1.0	1.0	2.0	1.7	0.2	1.5	0.8	0.3	2.6	1.7	0.6	2.2	0.8	0.6
Nov	1.7	0.7	0.8	1.6	0.4	0.7	2.6	1.4	0.9	3.0	0.8	1.7	1.6	1.3	0.2	1.4	0.6	0.4	2.0	1.1	0.6	1.9	0.7	0.7
Dec	1.6	0.5	0.8	1.9	0.3	1.0	1.9	1.0	0.7	2.3	0.6	1.2	1.4	1.1	0.2	1.4	0.6	0.4	1.6	0.8	0.5	1.7	0.5	0.6
1979																								
Jan	3.0	1.3	1.4	2.4	0.4	1.0	3.4	1.9	1.2	3.2	0.8	1.6	2.2	1.6	0.3	1.6	0.8	0.3	2.5	1.4	0.7	2.4	0.7	0.9
Feb	2.3	1.3	0.8	1.8	0.4	0.5	2.6	1.7	0.7	2.7	0.7	1.3	1.7	1.4	0.2	1.3	0.6	0.2	2.2	1.2	0.6	2.2	0.7	0.8
Mar	1.9	1.2	0.5	1.8	0.4	0.6	3.0	1.8	1.1	2.5	0.8	1.0	1.8	1.4	0.2	1.7	0.8	0.3	2.4	1.4	0.7	2.4	0.8	0.8
Apr	2.0	1.1	0.7	1.9	0.4	0.7	2.8	1.8	0.9	3.1	0.9	1.6	1.6	1.2	0.2	1.3	0.7	0.2	2.5	1.4	0.7	2.3	0.8	0.5
May	3.3	1.8	1.1	1.6	0.5	0.4	3.8	2.4	1.1	2.5	1.1	0.7	1.9	1.6	0.2	1.5	0.8	0.2	2.9	1.8	0.6	2.4	1.0	0.6
Jun	2.6	2.0	0.3	1.4	0.5	0.2	3.7	2.5	1.0	3.5	1.0	1.7	2.4	2.1	0.2	1.9	0.9	0.5	2.9	2.1	0.5	1.7	0.8	0.3
Jul	2.2	1.4	0.6	2.3	0.5	0.8	3.0	1.9	0.3	3.2	0.9	1.5	2.2	1.4	0.6	2.0	0.8	0.8	3.2	1.8	1.0	2.6	0.8	1.1

Year & Month	Transportation Equipment						Instruments & Related						Miscellaneous Manufacturing					
	Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	4.4	2.6		3.8	1.4	1.2	2.9	2.4		2.8	1.6	0.5	3.6	2.7		3.5	2.0	0.9
1974	4.2	2.2		4.2	1.1	2.0	2.9	2.4		2.8	1.4	0.7	3.8	2.6		4.8	1.8	2.3
1975	3.5	1.3		3.9	0.6	2.2	1.9	1.1		2.2	0.6	1.0	3.2	1.0		3.3	0.7	2.1
1976	3.2	1.1	1.6	3.5	0.5	2.0	2.1	1.4	0.5	1.8	0.7	0.6	2.6	1.5	0.9	2.7	0.8	1.2
1977	3.0	1.6	1.1	2.8	0.6	1.4	2.1	1.6	0.3	1.7	0.8	0.4	2.7	1.5	1.1	2.7	0.8	1.3
1978	3.0	1.5	1.0	2.5	0.7	1.0	2.0	1.6	0.2	1.7	0.9	0.3	2.9	1.9	0.9	2.9	1.0	1.2
Jul	2.9	1.4	1.1	3.3	0.6	1.8	1.5	1.3	0.2	1.6	0.9	0.3	2.5	1.9	0.5	2.8	1.0	1.2
Aug	3.7	2.1	1.1	3.1	1.1	0.9	1.7	1.5	0.1	2.3	1.5	0.2	2.5	1.6	0.8	3.4	1.3	0.6
Sep	3.8	2.1	1.3	2.6	1.0	0.8	2.4	1.9	0.3	2.5	1.3	0.7	3.9	2.9	0.7	3.9	1.6	0.8
Oct	3.3	1.8	1.1	2.1	0.7	0.4	2.4	2.0	0.3	1.4	0.9	0.2	4.3	3.6	0.6	2.9	1.4	1.0
Nov	2.5	1.2	0.7	1.7	0.5	0.5	1.6	1.2	0.3	1.3	0.7	0.1	1.8	1.2	0.5	4.0	1.1	2.5
Dec	1.6	0.8	0.3	2.0	0.3	1.0	1.1	0.9	0.1	1.2	0.6	0.1	1.7	0.6	1.0	5.5	0.8	4.1
1979																		
Jan	2.9	1.7	0.8	2.8	0.8	0.9	2.3	2.1	0.1	1.6	0.7	0.2	4.1	2.4	1.6	3.8	0.7	2.2
Feb	2.0	1.3	0.4	2.9	0.5	1.4	2.6	2.4	0.1	2.5	1.1	0.3	3.2	1.6	1.4	2.3	0.8	0.6
Mar	2.7	1.6	0.7	2.8	0.9	1.0	2.2	1.9	0.1	1.4	0.9	0.2	3.6	2.3	1.3	2.7	0.9	0.7
Apr	3.1	1.4	1.3	2.9	0.7	1.1	2.0	1.4	0.5	1.7	0.9	0.3	3.3	1.6	1.6	3.0	0.9	1.1
May	3.1	1.5	1.2	2.5	0.6	0.9	2.7	1.9	0.6	2.0	0.9	0.5	3.5	2.3	1.0	2.2	1.1	0.3
Jun	2.7	1.7	0.6	3.8	0.6	1.9	2.9	2.3	0.4	2.0	1.0	0.4	6.0	4.4	1.4	2.4	1.4	0.5
Jul	3.4	1.4	1.5	3.4	0.6	1.7	1.5	1.2	0.1	1.7	0.8	0.4	2.5	2.0	0.5	4.3	1.7	2.0

N = Negligible

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

OCTOBER 1979

Vol. XXIV No. 10

JOB SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY BUREAU OF EMPLOYMENT SECURITY

In cooperation with the United States Bureau of Labor Statistics

[illegible]

- EXPLANATORY -

INDUSTRY EMPLOYMENT

Employment data, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives."

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing to:
PENNSYLVANIA BUREAU OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING-ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717-787-3129

Issued: October 1979

Reference: Mid-September

PENNSYLVANIA EMPLOYMENT & EARNINGS

SEPTEMBER 1979

Total unemployment in Pennsylvania, both seasonally adjusted and unadjusted, was down in September.

Adjusted for seasonal influences, the rate of unemployment fell to 7.1 percent of the civilian labor force in September from 7.3 percent in August. Unemployed workers numbered 376,000 in September, down 9,000. Last September seasonally adjusted unemployment was 392,000 and the rate was 7.4 percent.

The September unadjusted rate dropped to 6.7 percent from an August rate of 7.0 percent. The jobless volume, at 357,000, declined by 16,000 over the month. A year ago, unemployment was estimated at 372,000, with a rate of 7.1 percent.

Nationwide, the September seasonally adjusted rate was 5.8 percent, down 0.2 of a point from August. The unadjusted rate was 5.6 percent, an over-the-month drop of 0.3 percent.

FACTORY JOB COUNTS RISE DUE TO STRIKE SETTLEMENTS

Except for employes returning from strike in the machinery industries, factory employment posted no gain whatsoever during September. Job counts were nearly the same as the pre-strike level in July. Durables were affected only by the machinery industries return and except for this would have shown a considerable downturn for this time of year, especially in view of the fact that the bellwether PRIMARY METALS industry cut back 2,100 jobs over the month.

Nondurables lost 1,400 jobs during September. Only three industry groups, FOOD, APPAREL and RUBBER, posted job gains but these were more than offset by the slippage in the remaining industries. APPAREL has remained in a trough since the July vacation dip and has contributed heavily to the losses incurred by nondurable industries.

Manufacturing jobs are within two hundred of the year ago total - durables up and nondurables down in almost exactly offsetting numbers.

For the second consecutive month, factory separations have exceeded accessions. At 3.4 percent, accessions reached the highest point of the year. Separations, however, also peaked with 4.1 percent. This would seem to indicate 'movement' rather than 'improvement' in the manufacturing job picture. The quit rate increased 1.1 percent, a surprising development considering the recent static nature of factory hiring. New hires moved up by 0.3 percent. Recalls and layoffs were down.

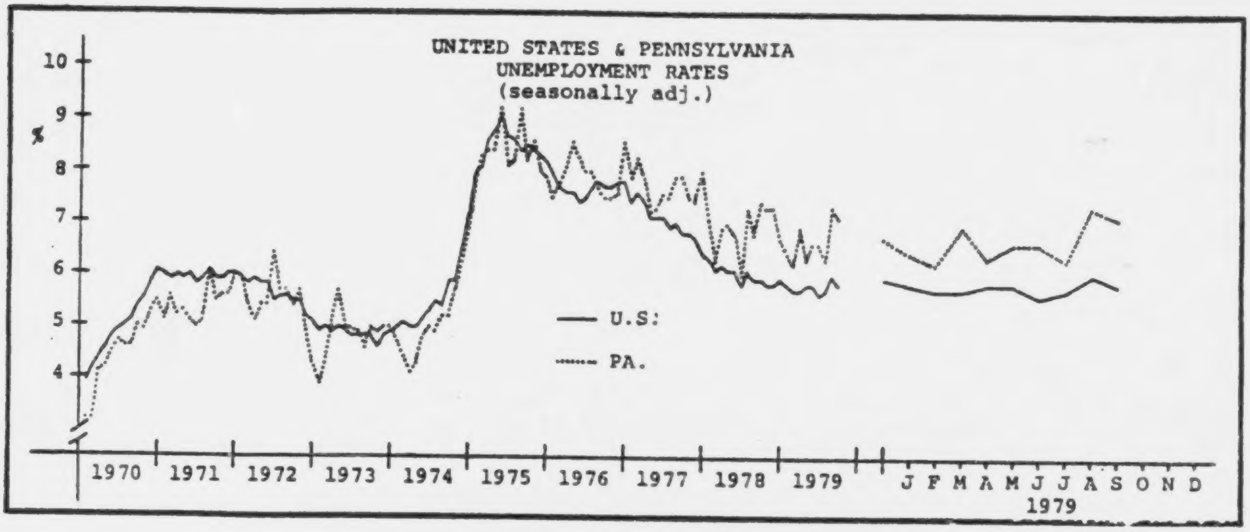
Average hourly earnings in Pennsylvania's factories increased seven cents in September while the workweek edged upward twelve minutes. Significant earnings gains were posted in ELECTRICAL MACHINERY, INSTRUMENTS and PETROLEUM. Manhours in general increased. Only LUMBER and FURNITURE showed a falling off in work time. Increases among other industries averages six minutes to a half an hour.

NONMANUFACTURING JOBS DIP

In nonmanufacturing industries, SERVICES, TRANSPORTATION and RETAIL TRADE displayed noteworthy increases during September. SERVICES, up 8,300, reflected the seasonal upturn in EDUCATIONAL SERVICE. TRANSPORTATION and RETAIL TRADE, moving up 5,700 and 4,100 respectively, likewise exhibited seasonal tendencies. CONSTRUCTION fell off 1,300 and WHOLESALE TRADE, 2,700 - both typical September movements. Government jobs were down nearly 16,000. An estimated 3,000 persons involved in labor-management disputes in local school districts were reflected in this drop.

Nonmanufacturing jobs slipped 17,300 below September a year ago, with GOVERNMENT the chief offender - down 25,700. RETAIL TRADE dropped 16,200 and CONSTRUCTION, 11,800.

SERVICES showed the healthiest over-the-year gain, with more than 26,000 on the plus side. FINANCE followed, with an estimated 9,100 additional jobs.



EMPLOYMENT DATA IN THIS PUBLICATION HAVE BEEN REVISED TO FIRST QUARTER 1978 BENCHMARKS, AND ARE THEREFORE, NOT STRICTLY COMPARABLE WITH FIGURES PUBLISHED PRIOR TO JANUARY 1977. DATA ARE BASED ON INDUSTRY CLASSIFICATION IN ACCORDANCE WITH THE REVISED 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL.

On all tables data for most recent month are preliminary and subject to revision.

ADDITIONAL NOTATION ON PAGE 13

Table 1. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %
1961	4,508.0	4,080.9	427.1	9.5		70,459.0	65,746.0	4,714.0	6.7	
1962	4,474.2	4,110.5	363.7	8.1		70,614.0	66,702.0	3,911.0	5.5	
1963	4,422.9	4,090.0	332.9	7.5		71,833.0	67,762.0	4,070.0	5.7	
1964	4,430.9	4,155.2	275.7	6.2		73,091.0	69,305.0	3,786.0	5.2	
1965	4,469.3	4,263.4	205.9	4.6		74,455.0	71,088.0	3,366.0	4.5	
1966	4,558.3	4,395.0	163.3	3.6		75,770.0	72,895.0	2,875.0	3.8	
1967	4,637.0	4,467.0	170.0	3.7		77,347.0	74,372.0	2,975.0	3.8	
1968	4,634.0	4,475.0	159.0	3.4		78,737.0	75,920.0	2,817.0	3.6	
1969	4,720.0	4,566.0	154.0	3.3		80,734.0	77,902.0	2,832.0	3.5	
1970	4,833.0	4,618.0	215.0	4.4		82,715.0	78,627.0	4,088.0	4.9	
1971	4,803.0	4,543.0	260.0	5.4		84,113.0	79,120.0	4,993.0	5.9	
1972	4,875.0	4,609.0	265.0	5.4		86,542.0	81,702.0	4,840.0	5.6	
1973	4,988.0	4,747.0	241.0	4.8		88,714.0	84,409.0	4,304.0	4.9	
1974	5,036.0	4,778.0	258.0	5.1		91,011.0	85,935.0	5,076.0	5.6	
1975	5,069.0	4,647.0	421.0	8.3		92,613.0	84,783.0	7,830.0	8.5	
1976	5,094.0	4,690.0	404.0	7.9		94,773.0	87,485.0	7,288.0	7.7	
1977	5,168.0	4,770.0	398.0	7.7		97,401.0	90,546.0	6,855.0	7.0	
1978	5,252.0	4,888.0	364.0	6.9		100,420.0	94,373.0	6,047.0	6.0	
1978 Sep	5,257.0	4,885.0	372.0	7.1	7.4	100,838.0	95,041.0	5,797.0	5.7	5.9
Oct	5,325.0	4,955.0	369.0	6.9	7.3	101,555.0	96,095.0	5,460.0	5.4	5.8
Nov	5,332.0	4,980.0	352.0	6.6	7.3	101,659.0	96,029.0	5,629.0	5.5	5.8
Dec	5,347.0	5,026.0	320.0	6.0	6.7	101,632.0	95,906.0	5,725.0	5.6	5.9
1979 Jan	5,276.0	4,900.0	376.0	7.1	6.4	100,367.0	94,436.0	6,431.0	6.4	5.8
Feb	5,240.0	4,845.0	394.0	7.5	6.2	101,249.0	94,765.0	6,484.0	6.4	5.7
Mar	5,277.0	4,865.0	412.0	7.8	6.9	101,665.0	95,501.0	6,165.0	6.1	5.7
Apr	5,186.0	4,866.0	320.0	6.2	6.3	101,236.0	95,675.0	5,561.0	5.5	5.8
May	5,217.0	4,922.0	294.0	5.6	6.6	101,473.0	96,220.0	5,253.0	5.2	5.8
Jun	5,343.0	4,959.0	384.0	7.2	6.6	104,153.0	97,917.0	6,235.0	6.0	5.6
Jul	5,398.0	5,058.0	340.0	6.3	6.3	104,995.0	98,891.0	6,104.0	5.8	5.7
Aug	5,350.0	4,977.0	373.0	7.0	7.3	104,363.0	98,226.0	6,137.0	5.9	6.0
Sep	5,301.0	4,944.0	357.0	6.7	7.1	103,373.0	97,576.0	5,798.0	5.6	5.8

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From–	
	Sept. 1979	Aug. 1979	Sept. 1978	Aug. 1979	Sept. 1978
TOTAL CIVILIAN LABOR FORCE	5,301.0	5,350.0	5,257.0	-49.0	44.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	357.0	373.0	372.0	-16.0	-15.0
% CIVILIAN LABOR FORCE	6.7	7.0	7.1	-0.3	-0.4
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	376.0	385.0	392.0	-9.0	-16.0
% CIVILIAN LABOR FORCE	7.1	7.3	7.4	-0.2	-0.3
TOTAL EMPLOYMENT	4,944.0	4,977.0	4,885.0	-33.0	59.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From–	
	Sept. 1979	Aug. 1979	Sept. 1978	Aug. 1979	Sept. 1978
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,698.7	4,708.7	4,716.8	-10.0	-18.1
LABOR-MANAGEMENT DISPUTES	7.2	20.6	8.2	-13.4	-1.0
ALL MANUFACTURING INDUSTRIES	1,375.9	1,367.8	1,375.7	8.1	0.2
TOTAL NONMANUFACTURING INDUSTRIES	3,315.6	3,320.3	3,332.9	-4.7	-17.3
Mining	52.5	51.9	54.1	0.6	-1.6
Anthracite	3.0	3.0	3.1	0.0	-0.1
Bituminous	40.2	39.6	42.6	0.6	-2.4
Nonmetallic minerals	5.1	5.2	4.8	-0.1	0.3
Contract Construction	204.5	205.8	216.3	-1.3	-11.8
General building	54.4	54.8	58.1	-0.4	-3.7
Heavy construction	47.7	48.2	45.7	-0.5	2.0
Special trades	102.4	102.8	112.5	-0.4	-10.1
Transportation	167.5	161.8	166.2	5.7	1.3
Railroads	44.3	44.3	45.0	0.0	-0.7
Public Utilities	103.5	104.6	101.2	-1.1	2.3
Communications	53.9	54.2	53.0	-0.3	0.9
Electric, gas & sanitary service	49.6	50.4	48.2	-0.8	1.4
Electric systems	23.6	23.8	22.8	-0.2	0.8
Gas production	11.4	11.6	11.2	-0.2	0.2
Wholesale trade	226.0	228.8	226.9	-2.8	-0.9
Retail trade	730.9	726.8	747.1	4.1	-16.2
General merchandise stores	122.6	120.5	133.0	2.1	-10.4
Department stores	108.6	106.3	116.8	2.3	-8.2
Finance, insurance & real estate	237.1	239.6	228.0	-2.5	9.1
Banking	78.0	78.8	75.1	-0.8	2.9
Commercial & stock savings	72.0	72.7	69.4	-0.7	2.6
Credit agencies & securities	30.4	30.8	29.2	-0.4	1.2
Insurance	69.8	69.7	67.5	0.1	2.3
Life insurance	26.1	26.1	25.7	0.0	0.4
Fire, marine & casualty	29.2	29.2	28.4	0.0	0.8
Services	919.2	910.9	893.0	8.3	26.2
Business services	116.5	115.5	114.7	1.0	1.8
Health services	296.4	296.8	290.0	-0.4	6.4
Nursing & personal care	47.6	48.0	46.1	-0.4	1.5
Hospitals	184.4	184.4	178.3	0.0	6.1
Educational service	117.8	101.5	108.2	16.3	9.6
Miscellaneous services	42.3	42.6	43.0	-0.3	-0.7
Engineering & architectural	25.7	25.8	27.0	-0.1	-1.3
Government	674.4	690.1	700.1	-15.7	-25.7
Federal	127.2	128.8	128.9	-1.6	-1.7
State & local	547.2	561.3	571.2	-14.1	-24.0

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS

(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manufacturing	Total Non-Manufacturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.0	3,853.8	1,341.5	3,223.5	48.0	183.9	939.0	221.7	717.2
1978	4,669.9	3,951.9	1,362.1	3,307.8	46.6	195.3	969.6	226.5	743.1
1978 Sep.	4,708.6	4,008.5	1,375.7	3,332.9	54.1	216.3	974.0	226.9	747.1
Oct.	4,721.0	4,027.1	1,372.1	3,348.9	53.4	214.3	984.0	226.7	757.3
Nov.	4,738.2	4,037.5	1,375.3	3,362.9	53.9	208.7	998.6	227.2	771.4
Dec.	4,734.8	4,027.2	1,371.2	3,363.6	52.9	192.5	1,008.0	228.3	779.7
1979 Jan.	4,634.7	3,934.0	1,364.3	3,270.5	52.7	166.1	968.7	228.0	740.7
Feb.	4,619.2	3,908.1	1,363.4	3,255.8	52.0	150.7	948.6	226.3	722.3
Mar.	4,660.7	3,947.1	1,365.4	3,295.3	52.4	166.7	957.2	226.7	730.5
Apr.	4,691.8	3,976.6	1,365.5	3,326.3	52.3	185.2	965.4	228.1	737.3
May	4,732.4	4,012.2	1,368.4	3,364.0	52.8	196.3	971.0	227.0	744.0
Jun.	4,757.2	4,039.5	1,387.3	3,369.9	52.7	198.5	970.3	228.8	741.5
Jul.	4,699.4	4,006.9	1,374.3	3,325.1	52.3	205.7	956.9	229.3	727.6
Aug.	4,688.1	3,998.0	1,367.8	3,320.3	51.9	205.8	955.6	228.8	726.8
Sep.	4,691.5	4,017.1	1,375.9	3,315.6	52.5	204.5	956.9	226.0	730.9

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.4	137.6	513.8
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.2	136.4	521.8
1974	161.1	104.4	207.3	773.6	154.9	618.7	681.5	136.6	544.9
1975	154.0	102.5	207.3	798.5	159.8	638.7	720.9	134.4	586.5
1976	155.4	101.1	211.4	839.7	165.5	674.2	721.6	131.8	589.8
1977	160.7	100.7	217.5	862.4	171.1	691.3	711.2	128.1	583.0
1978	163.5	101.2	226.2	887.5	177.3	710.2	718.0	129.1	588.9
1978 Sep.	166.2	101.2	228.0	893.0	178.3	714.7	700.1	128.9	571.2
Oct.	167.9	101.1	228.4	905.9	178.9	727.0	693.9	128.7	565.2
Nov.	167.8	101.4	229.5	902.3	179.6	722.7	700.7	128.7	572.0
Dec.	168.0	101.6	231.1	901.9	180.0	721.9	707.6	128.7	578.9
1979 Jan.	164.4	101.6	230.8	885.4	180.2	705.2	700.8	127.6	573.2
Feb.	164.1	101.8	232.5	895.0	180.9	714.1	711.1	126.8	584.3
Mar.	165.5	101.8	233.2	904.9	181.3	723.6	713.6	126.7	586.9
Apr.	165.0	102.1	234.1	907.0	181.3	725.7	715.2	126.7	588.5
May	168.0	102.5	235.8	917.4	181.5	735.9	720.2	127.5	592.7
Jun.	168.7	103.8	238.6	919.6	184.3	735.3	717.7	129.1	588.6
Jul.	162.0	104.4	239.6	911.7	185.1	726.6	692.5	129.6	562.9
Aug.	161.8	104.6	239.6	910.9	184.4	726.5	690.1	128.8	561.3
Sep.	167.5	103.5	237.1	919.2	184.4	734.8	674.4	127.2	547.2

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

AUGUST 1979

Industry	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978
All Manufacturing	1,367.8	3.4	3.2	3.3	2.1	1.8	2.1	1.0	1.1	0.9
Durable Goods	839.2	2.9	2.7	2.7	1.8	1.6	1.7	0.9	0.9	0.7
Furniture & Fixtures	20.5	6.8	6.6	6.9	4.9	3.5	5.2	1.6	3.0	1.4
Stone, Clay & Glass Products	64.4	3.1	2.7	2.9	1.7	1.7	2.0	1.2	0.9	0.7
Primary Metal Industries	206.8	2.1	2.2	2.0	1.2	1.4	1.2	0.5	0.6	0.6
Fabricated Metal Products	114.8	4.8	3.3	3.7	2.4	1.9	2.1	1.9	1.1	1.3
Machinery, exc. Electrical	137.7	2.2	2.0	2.0	1.5	1.3	1.6	0.6	0.5	0.3
Electric & Electronic Equip.	120.4	2.9	2.9	2.8	1.9	1.6	1.5	0.5	1.0	0.9
Transportation Equipment	86.3	2.7	3.2	3.7	1.2	1.4	2.1	1.0	1.2	1.1
Instruments & Related Products	39.3	1.7	1.5	1.7	1.0	1.2	1.5	0.5	0.1	0.1
Miscellaneous Manufacturing	27.0	3.5	3.3	2.5	2.7	1.5	1.6	0.7	1.7	0.8
Nondurable Goods	528.6	4.2	4.0	4.4	2.6	2.2	2.9	1.2	1.6	1.2
Food & Kindred Products	98.6	5.5	5.8	5.2	3.6	3.0	3.3	1.4	2.6	1.5
Textile Mill Products	48.8	4.3	4.8	4.8	3.2	2.6	4.0	1.0	2.0	0.6
Apparel & Related Products	123.2	5.2	4.8	5.2	2.4	2.1	3.1	2.3	2.4	1.7
Paper & Allied Products	46.1	3.5	4.3	3.0	2.6	2.6	2.0	0.4	1.6	0.8
Printing & Publishing	70.8	2.4	2.4	2.3	1.8	1.7	1.8	0.5	0.6	0.4
Chemicals & Allied Products	62.1	1.9	1.6	2.0	1.6	1.2	1.5	0.3	0.3	0.4
Petroleum & Coal Products	17.7	1.5	2.7	0.9	0.9	2.3	0.8	0.1	0.2	0.1
Rubber & Plastics Products	40.7	4.1	3.1	3.7	3.0	2.0	2.6	0.8	0.8	0.9
Leather & Leather Products	16.9	10.2	5.5	11.2	6.1	4.0	6.3	3.4	1.0	4.5

Industry	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978
All Manufacturing	1,367.8	4.1	3.3	3.5	2.2	1.1	1.9	1.1	1.6	0.8
Durable Goods	839.2	3.6	2.7	2.7	1.8	0.8	1.4	1.0	1.2	0.6
Furniture & Fixtures	20.5	6.7	7.5	6.9	4.4	2.0	4.6	0.6	4.5	1.1
Stone, Clay & Glass Products	64.4	3.8	2.4	3.7	2.2	0.8	2.0	1.0	1.1	0.7
Primary Metal Industries	206.8	3.4	2.3	3.1	1.7	0.5	1.5	0.8	0.8	0.8
Fabricated Metal Products	114.8	4.8	3.3	3.2	2.0	0.9	1.6	2.0	1.7	0.8
Machinery, exc. Electrical	137.7	2.3	1.9	1.9	1.3	0.7	1.1	0.4	0.7	0.2
Electric & Electronic Equip.	120.4	3.5	2.8	2.4	1.9	0.8	1.3	0.8	1.5	0.5
Transportation Equipment	86.3	3.3	3.0	3.1	1.1	0.6	1.1	1.3	1.4	0.9
Instruments & Related Products	39.3	2.3	2.1	2.3	1.4	0.8	1.5	0.2	0.8	0.2
Miscellaneous Manufacturing	27.0	5.4	4.1	3.4	3.9	1.4	1.3	1.0	2.2	0.6
Nondurable Goods	528.6	4.9	4.3	4.8	2.8	1.6	2.8	1.3	2.1	1.2
Food & Kindred Products	98.6	4.7	4.3	3.9	3.0	1.9	2.3	0.9	1.8	1.0
Textile Mill Products	48.8	5.9	6.5	5.1	3.6	2.3	3.6	1.6	3.4	0.5
Apparel & Related Products	123.2	6.1	6.7	5.5	2.7	1.9	3.2	2.6	3.9	1.3
Paper & Allied Products	46.1	4.5	3.6	3.9	2.7	1.2	3.4	0.9	1.7	0.7
Printing & Publishing	70.8	3.2	2.1	4.8	2.2	1.2	1.9	0.5	0.6	2.1
Chemicals & Allied Products	62.1	2.8	1.4	3.2	1.9	0.7	1.8	0.4	0.4	0.7
Petroleum & Coal Products	17.7	3.2	1.1	2.9	2.1	0.4	1.3	0.1	0.2	0.7
Rubber & Plastics Products	40.7	5.8	3.2	4.2	3.3	1.4	2.8	1.5	1.0	0.5
Leather & Leather Products	16.9	10.2	9.9	12.4	6.8	4.5	7.4	2.6	4.9	4.0

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Sept. 1979	Aug. 1979	Sept. 1978	Aug. 1979	Sept. 1978
	TOTAL MANUFACTURING INDUSTRIES	1,375.9	1,367.8	1,375.7	8.1	0.2
	TOTAL DURABLE GOODS	848.7	839.2	835.2	9.5	13.5
24	Lumber & wood products	21.7	22.0	22.5	-0.3	-0.8
243	Millwork, plywood & structural	7.1	7.1	7.3	0.0	-0.2
	Other lumber & wood products	14.6	14.9	15.2	-0.3	-0.6
25	Furniture & fixtures	20.7	20.5	20.0	0.2	0.7
251	Household furniture	9.9	9.7	9.8	0.2	0.1
252	Office furniture	4.9	4.8	4.4	0.1	0.5
	Other furniture & fixtures	5.9	6.0	5.8	-0.1	0.1
32	Stone, clay & glass products	63.5	64.4	65.2	-0.9	-1.7
322	Glass & glassware, pressed or blown	16.9	17.3	17.5	-0.4	-0.6
3221	Glass containers	9.1	9.5	9.8	-0.4	-0.7
3229	Other pressed or blown glass	7.8	7.8	7.7	0.0	0.1
324	Hydraulic cement	3.2	3.3	3.4	-0.1	-0.2
325	Structural clay products	6.3	6.6	6.5	-0.3	-0.2
326	Pottery & related products	4.4	4.1	4.4	0.3	0.0
327	Concrete, gypsum & plaster products	9.2	9.3	9.2	-0.1	0.0
	Other stone, clay & glass products	23.5	23.8	24.2	-0.3	-0.7
33	Primary metal industries	204.7	206.8	201.0	-2.1	3.7
331	Blast furnace & basic steel products	153.1	154.8	151.5	-1.7	1.6
3312	Blast furnaces & steel mills	139.7	141.8	138.6	-2.1	1.1
	Other basic steel products	13.4	13.0	12.9	0.4	0.5
332	Iron & steel foundries	20.7	20.8	19.6	-0.1	1.1
3321	Gray iron foundries	8.3	8.3	8.1	0.0	0.2
3325	Steel foundries, n.e.c.	7.4	7.5	6.5	-0.1	0.9
3322,4	Malleable iron & steel invest.	5.0	5.0	5.0	0.0	0.0
335	Nonferrous rolling & drawing	13.2	13.3	12.9	-0.1	0.3
336	Nonferrous foundries	7.9	7.9	7.4	0.0	0.5
	Other primary metal products	9.8	10.0	9.6	-0.2	0.2
34	Fabricated metal products,(incl. ordnance)	115.2	114.8	113.4	0.4	1.8
341	Metal cans & shipping containers	4.9	5.0	5.1	-0.1	-0.2
342	Cutlery, hand tools & hardware	7.4	7.5	8.0	-0.1	-0.6
343	Plumbing & heating exc. electrical	3.0	3.0	2.9	0.0	0.1
344	Fabricated structural metal products	37.7	37.4	36.9	0.3	0.8
3441	Fabricated structural metal	9.9	9.8	9.3	0.1	0.6
3443	Fabricated plate work (boiler shops)	11.3	11.1	10.5	0.2	0.8
	Other fabricated struct. metal products	16.5	16.5	17.1	0.0	-0.6
345	Screw machine products, bolts, etc.	8.8	9.0	7.9	-0.2	0.9
346	Metal forgings & stampings	20.6	20.1	20.9	0.5	-0.3
3462	Iron & steel forgings	6.3	6.2	5.7	0.1	0.6
	Other metal forgings & stampings	14.3	13.9	15.2	0.4	-0.9
347,8	Metal services & ordnance, n.e.c.	8.3	8.5	8.1	-0.2	0.2
349	Misc. fabricated metal products	24.5	24.3	23.6	0.2	0.9
3494	Valves & pipe fittings	11.0	10.8	10.4	0.2	0.6
	Other misc. fabricated metal products	13.5	13.5	13.2	0.0	0.3
35	Machinery, exc. electrical	140.8	137.7	139.6	3.1	1.2
351	Engines & turbines	7.8	5.4	8.1	2.4	-0.3
352	Farm & garden machinery	4.4	4.4	4.1	0.0	0.3
353	Construction & related machinery	26.3	26.3	25.8	0.0	0.5
3531	Construction machinery	10.1	10.2	9.9	-0.1	0.2
3535	Conveyors & conveying equipment	3.4	3.5	3.6	-0.1	-0.2
	Other construction & related machinery	12.8	12.6	12.3	0.2	0.5
354	Metal working machinery	21.6	21.2	21.3	0.4	0.3
355	Special industry machinery	14.9	14.9	14.5	0.0	0.4
356	General industrial machinery	29.1	28.6	29.2	0.5	-0.1
3561	Pumps & pumping equipment	3.6	3.1	3.7	0.5	-0.1
3562	Ball & roller bearings	4.4	4.4	4.2	0.0	0.2
3563	Air & gas compressors	5.2	5.2	5.3	0.0	-0.1
3567	Industrial furnaces & ovens	4.0	4.0	4.1	0.0	-0.1
	Other general industrial machinery	11.9	11.9	11.9	0.0	0.0

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(cont.)

Industry Detail

(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Sept. 1979	Aug. 1979	Sept. 1978	Aug. 1979	Sept. 1978
357	Office and computing machines	11.7	11.6	11.8	0.1	-0.1
358	Refrigeration & service industry machinery	11.3	11.5	11.8	-0.2	-0.5
359	Misc. machinery, exc. electrical	13.7	13.8	13.0	-0.1	0.7
36	Electric & electronic equipment	129.4	120.4	125.7	9.0	3.7
361	Electric distributing equipment	19.4	14.3	20.3	5.1	-0.9
3612	Transformers	6.4	5.2	6.6	1.2	-0.2
3613	Switchgear & switchboard apparatus	13.0	9.1	13.7	3.9	-0.7
362	Electrical industrial apparatus	23.3	20.0	23.8	3.3	-0.5
363	Household appliances	4.6	4.4	4.8	0.2	-0.2
364	Electric lighting & wiring equipment	23.3	23.4	22.0	-0.1	1.3
3643	Current-carrying wiring devices	11.2	11.5	10.5	-0.3	0.7
	Other electric light & wiring equipment	12.1	11.9	11.5	0.2	0.6
366	Communication equipment	9.7	9.5	8.5	0.2	1.2
367	Electronic components & accessories	35.9	35.8	33.8	0.1	2.1
3674	Semiconductors & related devices	11.9	11.8	10.5	0.1	1.4
	Other electronic components & accessories	24.0	24.0	23.3	0.0	0.7
	Other electrical equipment & supplies	13.2	13.0	12.5	0.2	0.7
37	Transportation equipment	87.0	86.3	82.7	0.7	4.3
371	Motor vehicles & equipment	31.5	30.8	29.1	0.7	2.4
3714	Motor vehicle parts & accessories	11.2	11.0	11.5	0.2	-0.3
	Other motor vehicles & equipment	20.3	19.8	17.6	0.5	2.7
372	Aircraft & parts	11.6	11.7	11.2	-0.1	0.4
373	Ship & boat building & repairing	8.3	8.2	7.0	0.1	1.3
374	Railroad equipment	24.0	23.6	22.7	0.4	1.3
	Other transportation equipment	11.6	12.0	12.7	-0.4	-1.1
38	Instruments & related products	38.9	39.3	37.9	-0.4	1.0
382	Measuring & controlling devices	20.6	20.9	20.2	0.4	0.4
384	Medical instruments & supplies	11.3	11.3	10.7	0.6	0.6
	Other instruments & related products	7.0	7.1	7.0	0.0	0.0
39	Miscellaneous manufacturing industries	26.8	27.0	27.2	-0.2	-0.4
	TOTAL NONDURABLE GOODS	527.2	528.6	540.5	-1.4	-13.3
20	Food & kindred products	99.1	98.6	99.8	0.5	-0.7
201	Meat products	15.3	15.5	15.2	-0.2	0.1
2011	Meat packing plants	4.8	4.9	4.8	-0.1	0.0
2013	Sausages & other prepared meats	5.5	5.6	5.7	-0.1	-0.2
2016,7	Poultry dressing & processing	5.0	5.0	4.7	0.0	0.3
202	Dairy products	11.7	12.0	12.1	-0.3	-0.4
2026	Fluid milk	6.8	6.9	7.1	-0.1	-0.3
	Other dairy products	4.9	5.1	5.0	-0.2	-0.1
203	Preserved fruits & vegetables	14.7	13.5	13.8	1.2	0.9
2033	Canned fruits & vegetables	6.1	5.4	5.9	0.7	0.2
	Other preserved fruits & vegetables	8.6	8.1	7.9	0.5	0.7
204	Grain mill products	4.2	4.5	4.6	-0.3	-0.4
205	Bakery products	19.5	19.6	20.4	-0.1	-0.9
2051	Bread, cake & related products	15.0	15.0	15.6	0.0	-0.6
2052	Cookies & crackers	4.5	4.6	4.8	-0.1	-0.3
206	Sugar & confectionery products	15.7	15.4	15.5	0.3	0.2
2065	Confectionery products	6.6	6.5	6.2	0.1	0.4
2066	Chocolate & cocoa products	6.6	6.4	6.2	0.2	0.4
	Other sugar products	2.5	2.5	3.1	0.0	-0.6
208	Beverages	9.6	9.7	9.9	-0.1	-0.3
	Other food & kindred products	8.4	8.4	8.3	0.0	0.1
21	Tobacco manufacturers	3.6	3.7	4.2	-0.1	-0.6
22	Textile mill products	48.5	48.8	51.0	-0.3	-2.5
222	Weaving mills, synthetics	4.2	4.3	4.4	-0.1	-0.2
225	Knitting mills	25.4	25.6	27.1	-0.2	-1.7
2253	Knit outerwear mills	13.8	14.0	15.2	-0.2	-1.4
2254	Knit underwear mills	4.8	4.8	4.9	0.0	-0.1
	Other knitting mills	6.8	6.8	7.0	0.0	-0.2
227	Floor covering mills	3.9	4.1	4.0	-0.2	-0.1
228	Yarn & thread mills	4.9	4.8	5.2	0.1	-0.3
	Other textile mill products	10.1	10.0	10.3	0.1	-0.2

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(concl.)

Industry Detail

(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Sept. 1979	Aug. 1979	Sept. 1979	Aug. 1979	Sept. 1978
23	Apparel & other textile products	123.5	123.2	134.0	0.3	-10.5
231	Mens & boys suits & coats	14.9	15.0	17.2	-0.1	-2.3
232	Mens & boys furnishings	24.2	24.5	25.6	-0.3	-1.4
2321	Mens & boys shirts & nightwear	9.5	9.7	9.7	-0.2	-0.2
2327	Mens & boys separate trousers	5.7	5.9	6.1	-0.2	-0.4
	Other furnishings and work clothing	9.0	8.9	9.8	0.1	-0.8
233	Womens & misses outerwear	55.2	54.3	60.4	0.9	-5.2
234	Women & childrens undergarments	10.4	10.4	10.5	0.0	-0.1
236	Childrens outerwear	6.6	6.7	7.7	-0.1	-1.1
	Other apparel & textile products	12.2	12.3	12.6	-0.1	-0.4
26	Paper & allied products	45.8	46.1	45.8	-0.3	0.0
262	Paper mills exc. building paper	11.7	12.0	11.8	-0.3	-0.1
265	Paper board containers & boxes	16.6	16.6	16.5	0.0	0.1
2653	Corrugated & solid fiber boxes	8.3	8.3	8.2	0.0	0.1
	Other paperboard containers	8.3	8.3	8.3	0.0	0.0
	Other paper & allied products	17.5	17.5	17.5	0.0	0.0
27	Printing & publishing	70.5	70.8	69.6	-0.3	0.9
271	Newspapers	25.4	25.4	25.3	0.0	0.1
273	Books	8.1	8.3	8.4	-0.2	-0.3
275	Commercial printing	19.7	19.8	19.4	-0.1	0.3
2752	Lithographing	10.1	10.0	9.8	0.1	0.3
	Other commercial printing	9.6	9.8	9.6	-0.2	0.0
276	Manifold business forms	3.8	3.8	3.6	0.0	0.2
	Other printing & publishing	13.5	13.5	12.9	0.0	0.6
28	Chemicals & allied products	61.4	62.1	60.1	-0.7	1.3
281	Industrial inorganic chemicals	11.3	11.5	10.4	-0.2	0.9
282	Plastic materials & synthetics	8.5	8.7	8.6	-0.2	-0.1
283	Drugs	17.5	17.5	16.9	0.0	0.6
284	Soap, cleaners & toliet goods	3.1	3.2	3.3	-0.1	-0.2
285	Paints & allied products	4.4	4.4	4.3	0.0	0.1
	Other chemical & allied products	16.6	16.8	16.6	-0.2	0.0
29	Petroleum & coal products	17.3	17.7	17.0	-0.4	0.3
291	Petroleum refining	13.5	13.7	13.2	-0.2	0.3
	Other petroleum & coal products	3.8	4.0	3.8	-0.2	0.0
30	Rubber & misc. plastic products	40.8	40.7	40.4	0.1	0.4
301	Tires & inner tubes	7.9	8.0	7.8	-0.1	0.1
306	Fabricated rubber products	5.7	5.7	5.2	0.0	0.5
	Other rubber & plastic products, n.e.c.	27.2	27.0	27.4	0.2	-0.2
31	Leather & leather products	16.7	16.9	18.6	-0.2	-1.9
314	Footwear, exc. rubber	12.7	13.0	14.6	-0.3	-1.9
3143	Mens footwear, exc. athletic	4.4	4.6	5.6	-0.2	-1.2
3144	Womens footwear, exc. athletic	4.4	4.5	5.2	-0.1	-0.8
	Other footwear	3.9	3.9	3.8	0.0	0.1
	Other leather & leather products	4.0	3.9	4.0	0.1	0.0

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Sept. 1979	Aug. 1979	Sept. 1978	Sept. 1979	Aug. 1979	Sept. 1978	Sept. 1979	Aug. 1979	Sept. 1978
TOTAL MANUFACTURING INDUSTRIES	$283.69	$279.49	$263.66	39.9	39.7	40.5	$ 7.11	$ 7.04	$6.51
TOTAL DURABLE GOODS	322.64	317.79	300.00	41.1	40.9	41.9	7.85	7.77	7.16
Lumber & wood products	207.32	202.40	197.80	40.1	40.0	40.7	5.17	5.06	4.86
Millwork, plywood & structural	212.65	207.23	213.45	39.6	39.7	42.1	5.37	5.22	5.07
Other lumber & wood products	204.83	200.20	190.88	40.4	40.2	40.1	5.07	4.98	4.76
Furniture & fixtures	231.20	231.15	211.68	40.0	40.2	39.2	5.78	5.75	5.40
Household furniture	204.06	205.82	190.61	39.7	40.2	38.9	5.14	5.12	4.90
Office furniture	244.34	243.95	236.81	38.6	38.6	39.8	6.33	6.32	5.95
Other furniture & fixtures	269.61	267.10	231.67	41.8	41.8	39.4	6.45	6.39	5.88
Stone, clay & glass products	311.90	306.16	278.38	43.2	42.7	42.5	7.22	7.17	6.55
Glass & glassware, pressed or blown	287.53	283.27	263.41	40.9	40.7	40.4	7.03	6.96	6.52
Glass containers	305.53	298.98	284.14	41.4	40.9	41.3	7.38	7.31	6.88
Other pressed or blown glass	267.85	265.28	239.16	40.4	40.5	39.4	6.63	6.55	6.07
Hydraulic cement	399.23	390.26	358.80	41.2	40.4	41.1	9.69	9.66	8.73
Structural clay products	270.17	260.71	246.02	41.5	40.8	40.2	6.51	6.39	6.12
Pottery & related products	270.30	258.67	254.32	42.5	40.8	44.0	6.36	6.34	5.78
Concrete, gypsum & plaster prods.	299.91	304.20	275.69	44.3	45.0	44.9	6.77	6.76	6.14
Other stone, clay & glass prods.	353.43	345.19	296.76	46.2	45.3	43.9	7.65	7.62	6.76
Primary metal industries	403.60	399.75	371.78	41.1	41.0	42.2	9.82	9.75	8.81
Blast furnace & basic steel prods.	436.65	432.31	401.53	41.0	40.9	42.4	10.65	10.57	9.47
Blast furnaces & steel mills	443.09	439.42	406.93	40.8	40.8	42.3	10.86	10.77	9.62
Other basic steel products	367.22	356.59	339.12	42.8	42.2	43.2	8.58	8.45	7.85
Iron & steel foundries	299.34	297.35	278.64	39.7	39.7	40.5	7.54	7.49	6.88
Gray iron foundries	302.06	294.33	272.57	40.6	40.1	40.5	7.44	7.34	6.73
Steel foundries, n.e.c.	286.51	300.70	280.67	37.6	38.9	39.2	7.62	7.73	7.16
Malleable iron & steel invest.	312.36	299.36	287.19	41.1	40.4	42.8	7.60	7.41	6.71
Nonferrous rolling & drawing	324.85	313.12	298.66	42.8	42.2	43.6	7.59	7.42	6.85
Nonferrous foundries	296.78	292.95	263.53	43.2	43.4	42.3	6.87	6.75	6.23
Other primary metal products	315.14	310.67	290.07	42.3	41.7	42.1	7.45	7.45	6.89
Fabricated metal prods., incl. ordn.	290.07	283.60	274.39	40.4	40.0	41.2	7.18	7.09	6.66
Metal cans & shipping containers	340.99	356.53	367.56	43.0	44.4	48.3	7.93	8.03	7.61
Cutlery, hand tools & hardware	228.00	220.15	207.97	38.0	37.0	38.3	6.00	5.95	5.43
Plumbing & heating exc. electrical	296.35	289.68	250.74	44.1	43.3	42.0	6.72	6.69	5.97
Fabricated structural metal prods.	284.66	280.42	257.67	40.9	40.7	40.9	6.96	6.89	6.30
Fabricated struct. metal	270.90	273.50	290.94	35.0	35.2	39.8	7.74	7.77	7.31
Fab. plate work (boiler shops)	315.32	298.47	267.53	44.1	42.7	42.6	7.15	6.99	6.28
Other fab. struct. metal prods.	273.90	273.71	234.09	42.4	42.7	40.5	6.46	6.41	5.78
Screw machine products, bolts, etc.	273.23	258.99	253.78	40.3	39.3	40.8	6.78	6.59	6.22
Metal forgings & stampings	341.20	331.45	345.59	40.0	39.6	42.3	8.53	8.37	8.17
Iron & steel forgings	298.56	278.58	304.01	40.4	38.8	43.0	7.39	7.18	7.07
Other metal forgings & stampings	355.81	351.12	359.53	39.8	39.9	42.1	8.94	8.80	8.54
Metal services & ordnance, n.e.c.	270.07	256.99	245.60	39.6	38.3	40.0	6.82	6.71	6.14
Misc. fabricated metal products	275.49	267.81	253.20	40.1	39.5	40.0	6.87	6.78	6.33
Valves & pipe fittings	278.99	267.24	254.23	40.2	39.3	40.1	6.94	6.80	6.34
Other misc. fab. metal products	272.40	268.77	252.17	40.0	39.7	39.9	6.81	6.77	6.32
Machinery, exc. electrical	319.07	312.28	295.48	42.6	42.2	42.7	7.49	7.40	6.92
Engines & turbines	265.28	249.60	305.14	39.3	38.4	41.8	6.75	6.50	7.30
Farm & garden machinery	367.88	335.72	348.35	46.1	43.6	46.2	7.98	7.70	7.54
Construction & related machinery	332.83	324.24	315.01	41.5	41.2	42.8	8.02	7.87	7.36
Construction machinery	349.87	337.77	338.80	41.8	41.7	44.0	8.37	8.10	7.70
Conveyors & conveying equipment	237.25	248.79	252.75	37.9	38.1	40.7	6.26	6.53	6.21
Other constr. & related mach.	330.68	323.01	305.11	41.7	41.2	42.2	7.93	7.84	7.23
Metal working machinery	316.31	308.66	298.80	40.5	40.4	41.5	7.81	7.64	7.20
Special industry machinery	299.22	286.08	264.68	41.5	39.9	41.1	7.21	7.17	6.44
General industrial machinery	335.25	335.54	297.79	45.0	45.1	43.6	7.45	7.44	6.83
Pumps & pumping equipment	320.80	318.28	273.84	42.1	42.1	42.0	7.62	7.56	6.52
Ball & roller bearings	337.78	328.41	307.73	45.4	44.2	42.8	7.44	7.43	7.19
Air & gas compressors	354.75	366.22	320.86	47.3	48.7	46.1	7.50	7.52	6.96
Industrial furnaces & ovens	307.09	291.27	289.68	41.0	39.9	40.8	7.49	7.30	7.10
Other general industrial mach.	337.44	340.29	295.03	45.6	45.8	44.1	7.40	7.43	6.69
Office and computing machines	357.18	340.12	317.55	45.5	44.0	43.5	7.85	7.73	7.30
Refrigeration & serv. ind. mach.	266.27	263.13	252.57	41.8	41.7	43.1	6.37	6.31	5.86
Misc. machinery, exc. electrical	311.90	297.50	282.97	43.5	42.5	43.4	7.17	7.00	6.52

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(cont.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Sept. 1979	Aug. 1979	Sept. 1978	Sept. 1979	Aug. 1979	Sept. 1978	Sept. 1979	Aug. 1979	Sept. 1978
Electric & electronic equipment	$270.55	$256.71	$260.62	40.2	39.8	41.5	$6.73	$6.45	$6.28
Electric distributing equipment	301.73	281.30	311.64	40.5	39.9	42.4	7.45	7.05	7.35
Transformers	293.85	237.30	300.15	45.0	42.0	43.5	6.53	5.65	6.90
Switchgear & switchbrd apparatus	305.28	302.64	317.26	38.4	38.8	41.8	7.95	7.80	7.59
Electrical industrial apparatus	275.52	246.09	276.30	39.7	39.0	41.8	6.94	6.31	6.61
Household appliances	246.74	240.39	230.43	35.4	35.3	37.9	6.97	6.81	6.08
Electric lighting & wiring equip.	262.86	250.10	240.08	41.2	40.8	40.9	6.38	6.13	5.87
Current-carrying wiring devices	283.52	262.92	242.72	44.3	42.0	41.0	6.40	6.26	5.92
Other elect lght & wirng equip.	249.95	242.20	238.86	39.3	40.1	40.9	6.36	6.04	5.84
Communication equipment	311.98	311.24	279.36	40.1	39.8	42.2	7.78	7.82	6.62
Electronic components & access.	268.45	261.94	238.27	41.3	40.8	40.8	6.50	6.42	5.84
Semiconductors & related devices	365.03	357.90	305.34	44.3	43.7	42.0	8.24	8.19	7.27
Other electronic comp.& access.	223.04	217.25	204.62	39.9	39.5	40.2	5.59	5.50	5.09
Other electrical equip. & supplies	233.55	230.89	243.52	38.1	38.1	43.1	6.13	6.06	5.65
Transportation equipment	346.39	341.04	326.90	40.8	40.6	42.4	8.49	8.40	7.71
Motor vehicles & equipment	362.07	363.19	361.49	40.5	40.9	43.5	8.94	8.88	8.31
Motor vehicle parts & access.	362.66	350.64	358.72	41.4	41.3	43.8	8.76	8.49	8.19
Other motor vehicles & equip.	361.10	370.27	364.15	39.9	40.6	43.3	9.05	9.12	8.41
Aircraft & parts	326.03	306.89	304.26	40.5	38.7	42.2	8.05	7.93	7.21
Ship & boat building & repairing	346.06	342.34	304.08	42.1	42.9	42.0	8.22	7.98	7.24
Railroad equipment	348.49	340.84	309.28	39.2	38.6	39.6	8.89	8.83	7.81
Other transportation equipment	304.18	305.76	294.65	45.4	45.5	45.4	6.70	6.72	6.49
Instruments & related products	260.65	251.54	249.07	40.1	39.8	41.1	6.50	6.32	6.06
Measuring & controlling devices	281.25	269.12	265.85	41.3	40.9	41.8	6.81	6.58	6.36
Medical instruments & supplies	225.41	218.86	229.77	38.4	37.8	40.1	5.87	5.79	5.73
Other instruments & related prods.	256.89	248.69	229.55	39.4	39.6	40.7	6.52	6.28	5.64
Misc. manufacturing industries	257.44	255.60	242.78	40.1	40.0	41.5	6.42	6.39	5.85
TOTAL NONDURABLE GOODS	223.27	221.92	209.83	38.1	38.0	38.5	5.86	5.84	5.45
Food & kindred products	255.50	256.07	249.00	40.3	40.2	41.5	6.34	6.37	6.00
Meat products	272.81	275.10	249.72	42.1	42.0	41.9	6.48	6.55	5.96
Meat packing plants	302.00	310.06	307.74	41.2	41.9	44.6	7.33	7.40	6.90
Sausages & other prepared meats	299.88	304.00	258.90	39.2	40.0	38.7	7.65	7.60	6.69
Poultry dressing & processing	222.10	216.04	186.98	45.7	44.0	42.4	4.86	4.91	4.41
Dairy products	284.23	269.22	251.91	43.0	42.0	41.5	6.61	6.41	6.07
Fluid milk	282.73	268.27	255.49	41.7	41.4	42.3	6.78	6.48	6.04
Other dairy products	285.56	269.66	249.49	44.0	42.4	40.9	6.49	6.36	6.10
Preserved fruits & vegetables	216.33	217.73	202.52	38.7	38.4	39.4	5.59	5.67	5.14
Canned fruits & vegetables	199.36	194.18	173.05	39.4	38.3	38.8	5.06	5.07	4.46
Other preserved fruits & vegs.	228.22	234.08	225.04	38.1	38.5	39.9	5.99	6.08	5.64
Grain mill products	272.00	272.69	285.29	41.4	40.7	42.9	6.57	6.70	6.65
Bakery products	251.29	244.61	256.10	40.4	40.1	42.4	6.22	6.10	6.04
Bread, cake & related products	251.30	246.36	245.37	39.7	39.8	41.1	6.33	6.19	5.97
Cookies & crackers	250.32	239.32	282.10	42.0	40.7	45.5	5.96	5.88	6.20
Sugar & confectionery products	241.43	244.22	242.00	37.2	37.4	40.4	6.49	6.53	5.99
Confectionery products	201.72	209.68	208.30	34.6	35.3	39.6	5.83	5.94	5.26
Chocolate & cocoa products	273.36	275.67	251.54	40.8	40.6	40.9	6.70	6.79	6.15
Other sugar products	281.22	273.28	284.26	36.1	36.1	40.9	7.79	7.57	6.95
Beverages	321.53	345.35	326.47	40.7	42.9	42.9	7.90	8.05	7.61
Other food & kindred products	231.29	221.27	226.73	41.9	40.6	42.3	5.52	5.45	5.36
Tobacco manufacturers	159.71	157.00	140.69	38.3	38.2	39.3	4.17	4.11	3.58
Textile mill products	182.96	180.01	171.83	38.6	38.3	38.7	4.74	4.70	4.44
Weaving mills, synthetics	213.96	210.24	188.58	43.4	43.8	42.0	4.93	4.80	4.49
Knitting mills	167.16	165.52	159.90	36.9	36.7	37.1	4.53	4.51	4.31
Knit outerwear mills	167.40	164.86	155.88	37.2	36.8	36.0	4.50	4.48	4.33
Knit underwear mills	140.15	143.10	143.25	34.1	34.4	37.5	4.11	4.16	3.82
Other knitting mills	186.90	183.64	182.03	38.3	38.1	39.4	4.88	4.82	4.62
Floor covering mills	228.28	226.94	239.04	39.7	39.4	43.7	5.75	5.76	5.47
Yarn & thread mills	174.94	166.44	159.53	39.4	38.0	39.1	4.44	4.38	4.08
Other textile mill products	198.30	195.60	184.86	39.9	40.0	40.1	4.97	4.89	4.61

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

(concl.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Sept. 1979	Aug. 1979	Sept. 1978	Sept. 1979	Aug. 1979	Sept. 1978	Sept. 1979	Aug. 1979	Sept. 1978
Apparel & other textile products	$146.05	$142.79	$141.96	32.6	32.6	33.8	$ 4.48	$ 4.38	$ 4.20
Mens & boys suits & coats	184.60	183.38	181.50	34.7	34.6	36.3	5.32	5.30	5.00
Mens & boys furnishings	151.71	145.38	143.38	35.2	35.2	34.8	4.31	4.13	4.12
Mens & boys shirts & nightwear	149.56	145.35	145.35	34.7	35.8	35.8	4.31	4.06	4.06
Mens & boys separate trousers	157.50	144.13	145.87	31.5	30.6	32.2	5.00	4.71	4.53
Other furnishings & wrk. clothng	150.10	147.03	139.94	38.0	37.7	35.7	3.95	3.90	3.92
Womens & misses outerwear	138.46	135.30	135.79	30.1	30.0	31.8	4.60	4.51	4.27
Women & childrens undergarments	137.16	133.46	133.58	36.0	35.4	36.8	3.81	3.77	3.63
Childrens outerwear	126.58	123.47	124.12	31.1	31.1	34.1	4.07	3.97	3.64
Other apparel & textile products	139.13	140.19	131.45	34.1	34.7	34.5	4.08	4.04	3.81
Paper & allied products	298.53	296.10	277.93	45.3	45.0	44.9	6.59	6.58	6.19
Paper mills exc. building paper	384.94	383.80	345.68	47.7	47.5	46.4	8.07	8.08	7.45
Paper board containers & boxes	282.63	277.20	259.72	42.5	42.0	43.0	6.65	6.60	6.04
Corrugated & solid fiber boxes	292.63	284.31	274.95	41.1	40.1	42.3	7.12	7.09	6.50
Other paperboard containers	272.87	270.42	245.03	43.8	43.9	43.6	6.23	6.16	5.62
Other paper & allied products	268.63	267.02	256.58	46.8	46.6	45.9	5.74	5.73	5.59
Printing & publishing	269.28	266.35	251.40	37.4	37.2	36.7	7.20	7.16	6.85
Newspapers	282.83	280.23	253.60	34.2	34.3	33.5	8.27	8.17	7.57
Books	217.87	213.11	201.66	35.6	35.4	36.4	6.12	6.02	5.54
Commercial printing	284.59	285.59	264.98	39.2	39.5	37.8	7.26	7.23	7.01
Lithographing	279.57	275.02	248.25	39.1	38.9	36.4	7.15	7.07	6.82
Other commercial printing	289.25	295.20	281.13	39.3	40.0	39.1	7.36	7.38	7.19
Manifold business forms	290.60	279.50	280.57	40.7	39.2	42.9	7.14	7.13	6.54
Other printing & publishing	261.89	255.75	252.40	38.4	37.5	36.9	6.82	6.82	6.84
Chemicals & allied products	301.14	297.62	273.90	42.0	41.8	41.5	7.17	7.12	6.60
Industrial inorganic chemicals	317.84	311.25	298.28	43.9	43.9	43.8	7.24	7.09	6.81
Plastic materials & synthetics	308.59	316.09	259.53	41.2	41.7	40.3	7.49	7.58	6.44
Drugs	285.04	285.65	259.85	39.1	39.4	38.9	7.29	7.25	6.68
Soap, cleaners & toliet goods	261.65	269.41	264.60	41.4	42.9	44.1	6.32	6.28	6.00
Paints & allied products	274.19	270.27	254.27	40.5	40.1	39.3	6.77	6.74	6.47
Other chemical & allied products	315.76	305.15	289.94	44.1	43.1	43.6	7.16	7.08	6.65
Petroleum & coal products	401.82	391.39	374.44	43.3	43.2	44.0	9.28	9.06	8.51
Petroleum refining	421.40	404.60	387.00	43.0	42.5	43.0	9.80	9.52	9.00
Other petroleum & coal products	332.42	342.00	334.41	44.5	45.6	47.1	7.47	7.50	7.10
Rubber & misc. plastic products	237.20	230.89	230.04	39.6	39.2	41.3	5.99	5.89	5.57
Tires & inner tubes	370.01	352.44	350.72	45.4	44.0	46.7	8.15	8.01	7.51
Fabricated rubber products	264.59	270.50	248.36	42.2	42.8	42.6	6.27	6.32	5.83
Other rubber & plastic prods.,nec	198.68	192.98	194.83	37.7	37.4	39.6	5.27	5.16	4.92
Leather & leather products	163.83	161.82	145.92	39.1	38.9	38.4	4.19	4.16	3.80
Footwear, exc. rubber	150.40	149.63	131.76	37.6	37.5	36.6	4.00	3.99	3.60
Mens footwear, exc. athletic	165.65	165.65	147.96	40.7	40.8	41.1	4.07	4.06	3.60
Womens footwear, exc. athletic	148.88	145.78	117.75	37.5	37.0	32.8	3.97	3.94	3.59
Other footwear	134.35	133.57	126.36	34.1	33.9	35.1	3.94	3.94	3.60
Other leather & leather products	204.92	201.87	201.13	43.6	43.6	45.3	4.70	4.63	4.44
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	351.47	357.07	300.85	46.8	47.8	40.6	7.51	7.47	7.41
Bituminous coal & lignite mining	380.10	341.28	368.38	35.0	31.6	35.8	10.86	10.80	10.29
Nonmetallic minerals, exc. fuels	344.30	340.03	328.61	47.1	46.9	48.9	7.31	7.25	6.72
Communication	373.80	365.71	332.50	42.0	41.7	41.1	8.90	8.77	8.09
Electric, gas, & sanitary services	403.19	389.39	367.04	45.1	44.4	43.8	8.94	8.77	8.38
Electric services	412.41	412.96	370.76	46.6	46.4	46.0	8.85	8.90	8.06
Gas production & distribution	343.94	331.14	312.42	43.1	42.4	41.0	7.98	7.81	7.62
General merchandise stores	130.00	133.10	113.69	27.6	28.5	26.5	4.71	4.67	4.29
Banking	170.80	170.22	153.31	INA	INA	INA	INA	INA	INA
Insurance carriers	205.82	207.56	193.51	INA	INA	INA	INA	INA	INA
Life insurance	193.51	196.00	183.67	INA	INA	INA	INA	INA	INA
Fire, marine & casualty ins.	207.72	210.83	193.56	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$154.42	39.8	$3.88	$172.61	41.0	$4.21	$130.60	38.3	$3.41	$191.83	40.3	$4.76
1973	167.23	40.2	4.16	187.17	41.5	4.51	139.03	38.3	3.63	212.38	41.4	5.13
1974	180.97	39.6	4.57	203.45	41.1	4.95	146.59	37.3	3.93	239.61	41.1	5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1978 Sep	263.66	40.5	6.51	300.00	41.9	7.16	209.83	38.5	5.45	371.78	42.2	8.81
Oct	262.10	40.2	6.52	297.86	41.6	7.16	209.34	38.2	5.48	365.20	41.5	8.80
Nov	270.50	40.8	6.63	307.22	42.2	7.28	213.84	38.6	5.54	381.38	42.9	8.89
Dec	270.95	40.5	6.69	306.08	41.7	7.34	216.55	38.6	5.61	368.87	41.4	8.91
1979 Jan	269.20	40.0	6.73	305.95	41.4	7.39	212.81	37.8	5.63	373.92	41.5	9.01
Feb	271.32	39.9	6.80	308.92	41.3	7.48	212.06	37.6	5.64	384.14	41.8	9.19
Mar	274.44	40.3	6.81	313.50	41.8	7.50	215.65	38.1	5.66	387.74	42.1	9.21
Apr	265.30	38.9	6.82	301.50	40.2	7.50	209.59	36.9	5.68	396.68	42.2	9.40
May	273.14	39.7	6.88	311.54	41.1	7.58	215.27	37.7	5.71	387.39	41.3	9.38
Jun	278.29	40.1	6.94	316.30	41.4	7.64	218.12	38.0	5.74	397.00	42.1	9.43
Jul	277.31	39.9	6.95	313.65	41.0	7.65	221.37	38.3	5.78	397.00	42.1	9.43
Aug	279.49	39.7	7.04	317.79	40.9	7.77	221.92	38.0	5.84	399.75	41.0	9.75
Sep	283.69	39.9	7.11	322.64	41.1	7.85	223.27	38.1	5.86	403.60	41.1	9.82

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$168.47	41.7	$4.04	$183.17	42.4	$4.32	$161.57	40.8	$3.96	$180.59	40.4	$4.47
1973	182.68	41.9	4.36	198.77	43.4	4.58	167.69	40.8	4.11	197.69	41.1	4.81
1974	196.24	41.4	4.74	209.78	42.9	4.89	175.96	39.9	4.41	215.54	40.9	5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1978 Sep	274.39	41.2	6.66	295.48	42.7	6.92	260.62	41.5	6.28	326.90	42.4	7.71
Oct	273.36	40.8	6.70	297.08	42.5	6.99	259.78	41.3	6.29	326.98	42.3	7.73
Nov	280.57	41.2	6.81	304.72	43.1	7.07	263.54	41.7	6.32	338.55	42.8	7.91
Dec	285.49	41.8	6.83	309.31	42.9	7.21	264.92	41.2	6.43	348.29	43.7	7.97
1979 Jan	278.94	40.9	6.82	302.74	42.4	7.14	259.84	40.6	6.40	345.06	42.6	8.10
Feb	281.11	40.8	6.89	306.00	42.5	7.20	260.58	40.4	6.45	339.81	41.9	8.11
Mar	287.04	41.3	6.95	310.17	42.9	7.23	264.68	41.1	6.44	341.88	4.20	8.14
Apr	261.23	38.7	6.75	286.63	40.2	7.13	250.63	39.1	6.41	311.65	39.4	7.91
May	288.23	41.0	7.03	303.47	41.8	7.26	261.55	40.3	6.49	333.33	41.0	8.13
Jun	288.36	40.5	7.12	309.33	42.2	7.33	264.31	40.6	6.51	334.15	41.0	8.15
Jul	282.80	40.0	7.07	303.99	41.7	7.29	260.95	39.9	6.54	334.55	40.7	8.22
Aug	283.60	40.0	7.09	312.28	42.2	7.40	256.71	39.8	6.45	341.04	40.6	8.40
Sep	290.07	40.4	7.18	319.07	42.6	7.49	270.55	40.2	6.73	346.39	40.8	8.49

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$149.48	40.4	$3.70	$113.08	39.4	$2.87	$ 94.24	33.9	$2.78	$170.33	38.8	$4.39
1973	158.36	40.5	3.91	120.43	39.1	3.08	99.71	33.8	2.95	180.81	38.8	4.66
1974	171.68	40.3	4.26	124.74	37.8	3.30	103.02	32.6	3.16	189.52	38.0	4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1978 Sep	249.00	41.5	6.00	171.83	38.7	4.44	141.96	33.8	4.20	251.40	36.7	6.85
Oct	246.22	40.9	6.02	169.73	38.4	4.42	140.86	33.3	4.23	248.66	36.3	6.85
Nov	250.69	41.3	6.07	170.37	38.2	4.46	144.33	33.8	4.27	253.31	36.5	6.94
Dec	250.69	41.3	6.07	175.11	39.0	4.49	143.05	33.5	4.27	268.88	37.5	7.17
1979 Jan	243.01	40.1	6.06	174.72	38.4	4.55	140.28	32.7	4.29	254.51	36.1	7.05
Feb	240.34	39.4	6.10	171.00	37.5	4.56	141.57	33.0	4.29	252.74	35.9	7.04
Mar	247.02	40.1	6.16	178.87	38.8	4.61	140.91	33.0	4.27	258.09	36.3	7.11
Apr	242.09	39.3	6.16	173.58	37.9	4.58	137.03	31.5	4.35	245.70	35.1	7.00
May	248.00	40.0	6.20	180.11	38.9	4.63	139.54	32.3	4.32	254.54	35.8	7.11
Jun	248.58	39.9	6.23	182.82	39.4	4.64	143.77	32.9	4.37	256.68	36.0	7.13
Jul	253.49	40.3	6.29	178.31	38.1	4.68	145.25	33.7	4.31	265.27	37.1	7.15
Aug	256.07	40.2	6.37	180.01	38.3	4.70	142.79	32.6	4.38	266.35	37.2	7.16
Sep	255.50	40.3	6.34	182.96	38.6	4.74	146.05	32.6	4.48	269.28	37.4	7.20

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA
(1967 = 100)
Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1968	$119.20	40.0	$2.98	105.6	104.2	$114.40	$ 4.80
1969	127.52	40.1	3.18	112.7	109.8	116.14	11.38
1970	131.71	39.2	3.36	119.1	116.3	113.25	18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 - Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS
(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Sept. 1979	Aug. 1979	Sept. 1978	Sept. 1979	Aug. 1979	Sept. 1978	Sept. 1979	Aug. 1979	Aug. 1978
MANUFACTURING	998.3	988.6	1,000.4	39,881.0	39,276.9	40,566.9	283,470.4	276,456.4	264,087.2
DURABLE GOODS	609.0	597.6	598.7	25,034.6	24,412.2	25,082.4	196,451.6	189,578.6	179,597.2
NONDUR. GOODS	389.3	391.0	401.7	14,846.4	14,864.7	15,484.5	87,018.8	86,877.8	84,490.0

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (=), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Group
(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1972	1,444.0	841.7	24.7	22.5	65.3	210.7	120.5	131.0
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.5	809.3	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,362.1	825.4	21.7	20.3	64.3	199.5	112.3	137.3
1978 Sep.	1,375.7	835.2	22.5	20.0	65.2	201.0	113.4	139.6
Oct.	1,372.1	832.3	22.5	20.8	64.9	199.6	113.2	139.2
Nov.	1,375.3	836.8	22.0	20.7	64.6	200.3	114.0	138.4
Dec.	1,371.2	837.0	21.4	20.9	63.8	201.4	114.5	138.7
1979 Jan.	1,364.3	835.0	20.8	20.7	62.2	201.7	114.5	140.6
Feb.	1,363.4	837.0	20.8	20.8	61.3	202.1	114.8	140.9
Mar.	1,365.4	837.3	21.1	20.3	62.0	201.7	114.6	140.8
Apr.	1,365.5	836.8	21.7	20.2	62.5	201.6	114.9	141.2
May	1,368.4	841.8	21.8	20.0	63.4	202.2	114.6	140.3
Jun.	1,387.3	854.2	22.1	20.4	65.1	206.8	115.4	141.8
Jul.	1,374.3	849.5	21.7	19.7	64.9	206.5	113.5	140.2
Aug.	1,367.8	839.2	22.0	20.5	64.4	206.8	114.8	137.7
Sep.	1,375.9	848.7	21.7	20.7	63.5	204.7	115.2	140.8

Year and Month	Electrical Equipment and Supplies	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1972	133.7	69.0	34.0	30.4	602.3	109.6	7.5	62.9
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.3	37.3	27.8	532.2	98.8	3.6	49.4
1978	124.6	80.6	38.3	26.6	536.7	98.1	4.1	50.6
1978 Sep.	125.7	82.7	37.9	27.2	540.5	99.8	4.2	51.0
Oct.	126.1	81.1	37.3	27.6	539.8	99.3	4.2	51.2
Nov.	125.9	84.4	38.8	27.7	538.5	99.9	4.2	51.2
Dec.	126.1	85.1	38.9	26.2	534.2	99.2	4.1	50.5
1979 Jan.	126.6	83.5	39.2	25.2	529.3	96.8	4.1	49.6
Feb.	126.6	84.6	39.5	25.6	526.4	94.1	4.0	49.1
Mar.	126.5	84.6	39.8	25.9	528.1	95.2	4.0	49.3
Apr.	127.4	81.3	39.9	26.1	528.7	95.6	3.9	49.1
May	127.6	85.5	39.9	26.0	526.6	94.6	3.9	49.2
Jun.	128.3	87.2	40.4	26.7	533.1	96.4	3.9	49.2
Jul.	129.3	87.2	40.0	26.5	524.8	96.5	3.8	47.8
Aug.	120.4	86.3	39.3	27.0	528.6	98.6	3.7	48.8
Sep.	129.4	87.0	38.9	26.8	527.2	99.1	3.6	48.5

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)

Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1972	162.6	66.0	44.9	71.8	59.4	19.8	38.7	25.1
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	133.0	59.8	44.5	70.6	60.0	17.0	39.8	19.0
1978 Sep.	134.0	60.4	45.3	69.6	60.1	17.0	40.4	18.6
Oct.	133.3	60.5	45.7	69.6	60.3	17.1	40.8	18.3
Nov.	132.5	60.0	44.7	69.8	60.0	16.9	40.9	18.4
Dec.	128.4	58.4	45.0	71.1	60.5	16.6	40.7	18.1
1979 Jan.	127.6	58.9	44.6	70.8	60.6	16.6	40.5	18.1
Feb.	129.6	59.2	44.1	70.4	60.1	16.5	40.6	17.9
Mar.	128.9	59.4	44.3	70.8	60.8	16.6	40.7	17.5
Apr.	129.3	58.8	44.8	70.8	60.9	16.9	40.4	17.0
May	127.8	57.4	44.3	70.9	61.1	17.1	40.5	17.2
Jun.	128.8	58.5	45.2	71.3	62.1	17.6	41.2	17.4
Jul.	123.6	55.6	45.2	71.0	62.3	17.6	40.9	16.1
Aug.	123.2	54.3	46.1	70.8	62.1	17.7	40.7	16.9
Sep.	123.5	55.2	45.8	70.5	61.4	17.3	40.8	16.7

TABLE 12. SELECTED PENNSYLVANIA INDICES

(Not Adjusted)
1967 = 100

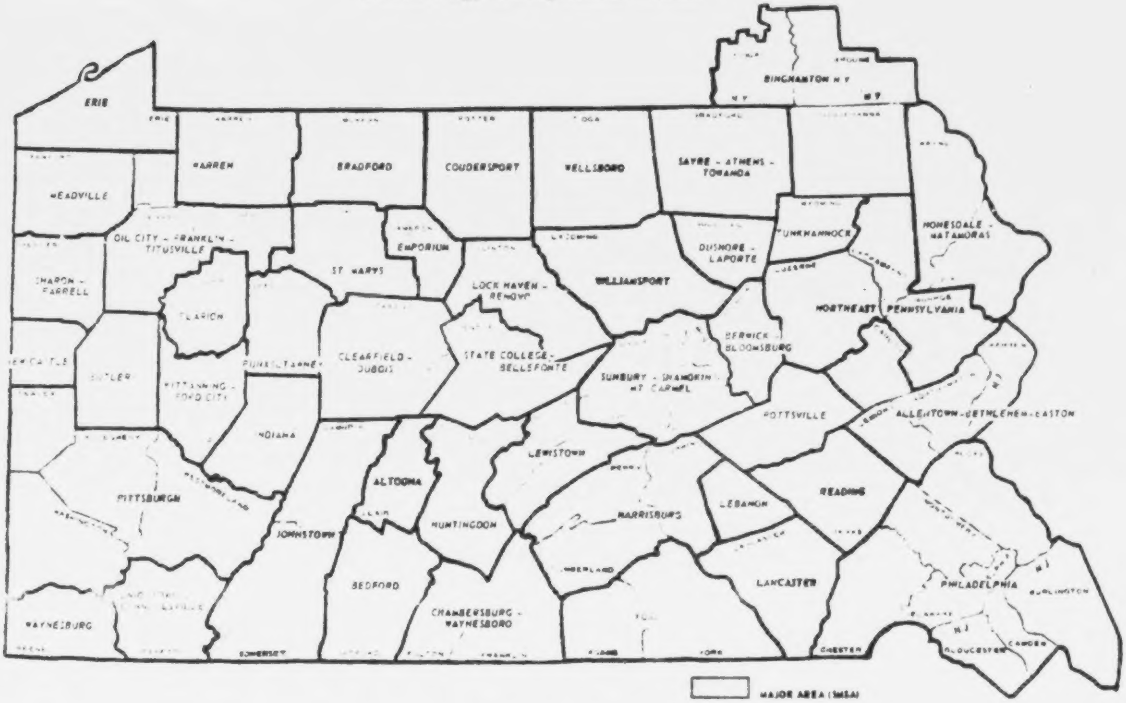
	1979		1978	1977	ANNUAL AVERAGE	
Industry Group	Sept.	Aug.	Sept.	Sept.	1978	1977
EMPLOYMENT						
All Manufacturing	88.4	87.9	88.3	86.7	87.5	86.2
Primary Metals	79.9	80.7	78.4	77.1	77.8	77.9
Apparel	68.8	68.6	74.6	74.8	74.1	74.6
All Nonmanufacturing	127.0	127.2	127.6	124.8	126.7	123.5
Construction	112.7	113.4	119.2	112.2	107.6	101.3
Retail Trade	127.2	126.5	130.0	126.0	129.3	124.8
Services	150.1	148.7	145.8	142.1	144.9	140.8
Government	118.9	121.7	123.4	123.4	126.6	125.4

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building-Room 1225
Harrisburg, Pennsylvania 17121


ERIE
WARREN
BRADFORD
COUDERSPORT
WELLSBORO
SAYRE - ATHENS - TOWANDA
BINGHAMTON N.Y.
N.Y.
N.Y.
MEADVILLE
OIL CITY - FRANKLIN - TITUSVILLE
ST MARYS
EMPORIUM
LOCK HAVEN - RENOVO
WILLIAMSPORT
DUSHORE - LAPORTE
TUNKHANNOCK
HONESDALE - MATAMORAS
SHARON - FARRELL
CLARION
NORTHEAST PENNSYLVANIA
NEW CASTLE
BUTLER
PUNXSUTAWNEY
CLEARFIELD - DUBOIS
STATE COLLEGE - BELLEFONTE
BERWICK - BLOOMSBURG
KITTANNING - FORD CITY
SUNBURY - SHAMOKIN - MT CARMEL
POTTSVILLE
ALLENTOWN - BETHLEHEM - EASTON
INDIANA
LEWISTOWN
PITTSBURGH
ALTOONA
HARRISBURG
LEBANON
READING
JOHNSTOWN
HUNTINGDON
LANCASTER
PHILADELPHIA
N.J.
BURLINGTON
BEDFORD
CHAMBERSBURG - WAYNESBORO
WAYNESBURG
SOMERSET
CHESTER
N.J.
GLOUCESTER
CAMDEN
MAJOR AREA (SMSA)

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN – BETHLEHEM – EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania; Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania; Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES
MAJOR LABOR MARKET AREAS

(Per 100 Employees)

AUGUST 1979

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978
PENNSYLVANIA	1,367.8	3.4	3.2	3.3	2.1	1.8	2.1	1.0	1.1	0.9
ALLENTOWN-BETHLEHEM-EASTON	110.7	2.6	3.3	3.0	1.6	1.7	2.0	0.8	1.4	0.9
ALTOONA	13.1	1.9	1.5	4.2	1.2	1.0	1.5	0.5	0.4	2.5
ERIE	45.2	3.4	4.0	4.9	1.6	1.5	2.7	1.3	2.2	1.8
HARRISBURG	44.1	4.7	5.3	3.9	3.9	3.3	3.0	0.7	1.6	0.7
JOHNSTOWN	20.8	2.7	2.8	3.8	0.9	1.2	1.2	1.6	1.5	2.5
LANCASTER	60.3	3.7	3.0	3.9	3.2	2.3	3.3	0.3	0.5	0.4
NORTHEAST	70.1	5.2	4.6	4.7	2.2	1.5	1.9	2.7	2.7	2.4
SCRANTON	28.1	5.5	4.8	5.1	2.3	1.2	1.9	3.1	3.5	3.2
WILKES-BARRE-HAZLETON	37.3	3.4	3.9	3.9	1.8	1.3	1.9	1.4	1.9	1.6
PHILADELPHIA	452.1	3.4	3.2	3.2	2.3	2.0	2.1	0.9	1.0	0.8
PITTSBURGH	248.4	2.3	2.6	2.3	1.3	1.6	1.4	0.6	0.7	0.6
READING	53.6	4.5	4.8	4.1	2.7	2.0	3.1	1.8	2.7	0.9
WILLIAMSPORT	18.0	2.3	1.7	3.2	0.7	0.5	2.6	0.8	1.1	0.5
YORK	65.4	4.2	4.2	6.2	3.1	2.4	3.9	1.0	1.6	2.1

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978	Aug. 1979	Jul. 1979	Aug. 1978
PENNSYLVANIA	1,367.8	4.1	3.3	3.5	2.2	1.1	1.9	1.1	1.6	0.8
ALLENTOWN-BETHLEHEM-EASTON	110.7	3.0	3.3	3.2	1.5	0.8	1.9	0.9	2.0	0.9
ALTOONA	13.1	3.5	3.7	3.5	1.4	0.7	1.6	1.8	2.6	1.3
ERIE	45.2	2.9	3.7	3.3	1.4	0.9	1.9	0.7	1.8	0.3
HARRISBURG	44.1	4.9	2.6	4.1	3.3	1.5	2.5	0.9	0.6	0.9
JOHNSTOWN	20.8	3.0	3.3	3.1	1.2	0.8	1.3	1.0	1.4	1.1
LANCASTER	60.3	5.8	3.1	4.8	4.1	2.0	3.4	1.1	0.6	0.4
NORTHEAST	70.1	5.4	5.7	3.8	2.4	1.1	2.0	2.5	4.0	1.1
SCRANTON	28.1	3.8	4.9	2.9	2.0	0.8	1.8	1.5	3.8	0.6
WILKES-BARRE-HAZLETON	37.3	5.4	6.2	3.6	2.2	1.1	1.8	2.7	4.3	1.2
PHILADELPHIA	452.1	4.1	3.0	3.8	2.1	1.1	1.8	0.9	1.2	1.1
PITTSBURGH	248.4	3.6	2.6	3.1	1.8	0.6	1.5	1.0	1.1	0.8
READING	53.6	4.1	5.4	3.6	2.5	1.4	2.4	0.7	3.4	0.4
WILLIAMSPORT	18.0	3.3	3.9	3.3	1.3	0.7	1.6	1.4	2.9	1.3
YORK	65.4	4.4	3.7	6.2	3.3	1.7	3.7	0.5	1.4	1.6

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Sept. 1979	Aug. 1979	Sept. 1978	Sept. 1979	Aug. 1979	Sept. 1978	Sept. 1979	Aug. 1979	Sept. 1978
PENNSYLVANIA	$283.69	$279.49	$263.66	39.9	39.7	40.5	$7.11	$7.04	$6.51
ALLENTOWN-BETHLEHEM-EASTON	285.29	284.16	259.96	38.5	38.4	38.8	7.41	7.40	6.70
ALTOONA	243.32	239.90	218.50	39.5	39.2	38.4	6.16	6.12	5.69
ERIE	295.78	287.16	272.84	41.6	41.2	42.3	7.11	6.97	6.45
HARRISBURG	264.38	264.55	236.56	40.8	40.7	40.3	6.48	6.50	5.87
JOHNSTOWN	294.88	303.03	278.10	38.0	38.8	39.9	7.76	7.81	6.97
LANCASTER	249.29	244.41	231.58	40.8	40.6	40.7	6.11	6.02	5.69
NORTHEAST	203.13	200.34	189.24	37.0	37.1	37.4	5.49	5.40	5.06
SCRANTON	208.05	203.18	202.98	38.6	38.7	39.8	5.39	5.25	5.10
WILKES-BARRE-HAZLETON	197.94	196.90	178.71	35.6	35.8	35.6	5.56	5.50	5.02
PHILADELPHIA	285.73	281.90	269.33	40.3	40.1	40.5	7.09	7.03	6.65
PITTSBURGH	356.65	350.21	327.81	40.9	40.3	41.6	8.72	8.69	7.88
READING	252.83	250.10	230.68	38.6	38.3	38.9	6.55	6.53	5.93
WILLIAMSPORT	252.01	247.74	230.08	39.5	39.2	39.6	6.38	6.32	5.81
YORK	263.55	261.46	245.44	41.9	41.7	42.1	6.29	6.27	5.83

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT
MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	Sept. 1979		Aug. 1979		Sept. 1978	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	5.6	5.8	5.9	6.0	5.7	5.9
PENNSYLVANIA	6.7	7.1	7.0	7.3	7.1	7.4
ALLENTOWN-BETH-EASTON	5.9	6.3	6.9	7.0	5.8	6.2
ALTOONA	8.9	9.4	8.5	9.5	7.9	8.4
ERIE	6.8	7.4	6.9	7.7	7.0	7.7
HARRISBURG	5.0	5.2	5.0	5.2	5.1	5.3
JOHNSTOWN	8.4	8.2	9.5	8.7	8.9	8.7
LANCASTER	4.8	5.3	4.6	5.0	4.5	5.0
NORTHEAST	8.5	9.1	8.8	9.5	8.1	8.6
SCRANTON	7.8	8.4	8.4	9.2	7.5	8.1
W BARRE-HAZLETON	9.2	9.6	9.3	9.8	8.7	9.1
PHILADELPHIA	7.0	6.9	7.4	7.3	8.1	8.0
PITTSBURGH	5.7	6.1	5.9	6.4	6.0	6.4
POTTSVILLE	9.5	-	8.7	-	7.2	-
READING	5.3	5.8	5.5	5.7	5.6	6.2
UNIONTOWN-CONNELLSVLE	8.2	-	8.7	-	7.3	-
WILLIAMSPORT	9.3	10.7	9.8	11.5	7.5	8.6
YORK	4.7	5.2	5.1	5.2	4.9	5.4

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Sept. 1979	Aug. 1979	Sept. 1978	Sept. 1979	Aug. 1979	Sept. 1978	Sept. 1979	Aug. 1979	Sept. 1978
UNITED STATES	103,373.0	104,363.0	100,838.0	97,576.0	98,226.0	95,041.0	5,798.0	6,137.0	5,797.0
PENNSYLVANIA	5,301.0	5,350.0	5,257.0	4,944.0	4,977.0	4,885.0	357.0	373.0	372.0
ALLENTOWN-BETH-EASTON	297.7	302.6	292.4	280.2	281.6	275.4	17.5	20.9	17.0
ALTOONA	59.0	58.8	56.5	53.7	53.8	52.0	5.2	5.0	4.5
ERIE	126.2	127.6	123.7	117.7	118.8	115.0	8.5	8.8	8.7
HARRISBURG	217.7	220.9	214.9	206.9	209.8	204.0	10.8	11.1	10.9
JOHNSTOWN	108.9	111.6	106.5	99.7	100.9	96.9	9.1	10.6	9.5
LANCASTER	175.8	177.9	170.3	167.4	169.6	162.6	8.4	8.3	7.7
NORTHEAST	279.3	285.2	276.4	255.6	260.0	254.0	23.7	25.1	22.3
SCRANTON	102.5	104.9	101.5	94.5	96.1	93.9	8.0	8.8	7.6
W BARRE-HAZLETON	151.5	154.4	149.8	137.6	140.1	136.8	13.9	14.3	13.0
PHILADELPHIA	2,111.1	2,115.9	2,086.7	1,964.1	1,960.1	1,917.6	147.0	155.9	169.1
PITTSBURGH	1,010.3	1,017.1	988.9	952.7	957.3	929.6	57.6	59.9	59.2
POTTSVILLE	66.1	66.3	66.6	59.8	60.5	61.8	6.2	5.8	4.8
READING	154.0	153.1	146.8	145.9	144.7	138.6	8.2	8.4	8.3
UNIONTOWN-CONNELLSVLE	57.7	59.7	59.2	52.9	54.5	54.8	4.7	5.2	4.3
WILLIAMSPORT	55.6	55.7	53.2	50.4	50.2	49.2	5.2	5.5	4.0
YORK	170.1	170.4	166.1	162.0	161.7	158.0	8.0	8.8	8.2

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	Nonagricultural Wage and Salary			Private Sector *		
	Sept. 1979	Aug. 1979	Sept. 1978	Sept. 1979	Aug. 1979	Sept. 1978
UNITED STATES	90,264.0	89,633.0	87,483.0	74,967.0	74,732.0	72,351.0
PENNSYLVANIA	4,698.7	4,708.7	4,716.8	4,017.1	3,998.0	4,008.5
ALLENTOWN-BETHLEHEM-EASTON	259.8	260.9	260.4	231.0	231.6	230.5
ALTOONA	52.6	52.4	52.2	45.6	45.4	45.2
ERIE	116.6	117.4	116.8	102.7	102.7	100.8
HARRISBURG	215.0	217.1	217.2	159.1	161.4	161.7
JOHNSTOWN	89.9	90.2	89.3	73.8	74.5	74.5
LANCASTER	149.1	149.8	148.1	135.1	136.2	133.8
NORTHEAST	238.1	241.4	242.6	199.4	201.2	205.3
SCRANTON	86.4	86.9	87.2	73.9	74.1	75.5
WILKES-BARRE-HAZLETON	122.2	124.3	126.1	103.5	104.1	108.4
PHILADELPHIA	1,884.4	1,884.2	1,879.0	1,595.0	1,582.0	1,586.2
PITTSBURGH	948.3	949.3	948.7	830.3	822.5	827.9
POTTSVILLE	47.3	47.7	50.2	39.3	39.7	42.3
READING	140.7	138.5	136.8	122.9	122.8	120.1
UNIONTOWN-CONNELLSVILLE	35.9	36.9	38.0	29.2	29.7	31.2
WILLIAMSPORT	49.9	49.8	50.2	42.9	43.1	43.2
YORK	153.5	152.5	153.3	135.0	134.6	134.8

Area	Manufacturing			Nonmanufacturing		
	Sept. 1979	Aug. 1979	Sept. 1978	Sept. 1979	Aug. 1979	Sept. 1978
UNITED STATES	21,231.0	21,006.0	20,821.0	69,033.0	68,627.0	66,662.0
PENNSYLVANIA	1,375.9	1,367.8	1,375.7	3,315.6	3,320.3	3,332.9
ALLENTOWN-BETHLEHEM-EASTON	110.5	110.7	109.9	149.1	149.8	150.4
ALTOONA	13.2	13.1	12.9	39.4	39.3	39.3
ERIE	45.5	45.2	43.5	71.1	72.2	72.0
HARRISBURG	43.0	44.1	42.5	171.3	172.7	174.7
JOHNSTOWN	20.0	20.8	20.9	69.9	69.4	68.3
LANCASTER	59.5	60.3	59.5	89.6	89.4	88.6
NORTHEAST	69.6	70.1	73.1	167.3	170.3	169.4
SCRANTON	27.8	28.1	28.6	57.7	58.1	58.5
WILKES-BARRE-HAZLETON	37.2	37.3	40.2	84.8	86.8	85.9
PHILADELPHIA	455.7	452.1	450.0	1,428.2	1,428.7	1,426.8
PITTSBURGH	255.3	248.4	252.5	689.9	689.2	693.8
POTTSVILLE	20.3	20.2	21.7	26.8	27.3	28.5
READING	53.8	53.6	53.3	86.7	84.7	83.5
UNIONTOWN-CONNELLSVILLE	8.3	8.4	8.5	27.6	28.5	29.5
WILLIAMSPORT	17.9	18.0	18.6	32.0	31.8	31.6
YORK	65.3	65.4	65.0	88.1	86.9	87.9

* Excludes Government employment

TABLE 17. LABOR TURNOVER RATES IN PENNSYLVANIA
NONDURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	Nondurable Goods						Food & Kindred						Textiles						Apparel					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	4.3	3.2		4.4	2.4	1.3	5.1	3.4		5.4	2.0	1.9	5.1	4.3		5.2	3.6	0.7	4.8	3.0		5.1	2.4	1.9
1974	4.2	2.7		4.9	2.1	2.1	5.2	3.3		5.8	2.6	2.5	4.5	3.6		5.5	3.1	1.7	5.2	2.5		6.6	2.1	3.8
1975	4.1	1.8		4.4	1.3	2.5	4.6	2.3		4.9	1.5	2.7	4.5	2.3		5.1	1.6	2.8	5.6	2.3		5.6	1.5	3.9
1976	3.9	2.2	1.4	4.1	1.4	2.0	4.6	2.3	2.0	4.9	1.4	2.8	4.5	3.0	1.2	4.8	2.2	1.9	4.8	2.5	2.0	5.5	1.7	2.9
1977	3.9	2.3	1.4	3.9	1.5	1.8	4.9	2.4	2.2	5.0	1.6	2.8	4.3	3.0	1.1	4.6	2.2	1.8	5.1	2.6	2.2	5.1	1.8	2.6
1978	3.6	2.4	1.0	3.6	1.7	1.3	4.1	2.5	1.4	4.3	1.8	1.9	4.5	3.5	0.8	4.2	2.6	0.9	4.3	2.7	1.3	4.6	2.0	1.8
Aug.	4.4	2.9	1.2	4.8	2.8	1.2	5.2	3.3	1.5	3.9	2.3	1.0	4.8	4.0	0.6	5.1	3.6	0.5	5.2	3.1	1.7	5.5	3.2	1.3
Sep.	3.9	3.0	0.7	4.3	2.7	1.0	4.8	3.4	1.2	4.6	2.7	1.2	4.6	4.1	0.3	5.4	3.9	0.8	4.6	3.3	1.0	5.0	3.0	1.1
Oct.	3.9	2.9	0.8	3.9	2.0	1.3	5.2	3.4	1.6	5.2	2.4	2.1	5.0	4.4	0.4	4.5	3.1	0.8	4.1	3.0	0.8	4.8	2.3	1.8
Nov.	3.0	2.1	0.7	3.6	1.5	1.5	4.0	2.8	0.9	4.2	1.9	1.7	3.4	2.8	0.5	4.0	2.2	1.2	3.4	2.2	0.9	4.7	1.7	2.2
Dec.	2.2	1.4	0.7	3.5	1.2	1.6	2.6	1.9	0.6	4.8	1.5	2.5	2.5	1.7	0.7	3.5	1.6	1.3	2.0	1.2	0.7	4.8	1.2	2.8
1979																								
Jan.	4.0	2.2	1.6	3.9	1.5	1.7	3.6	2.0	1.4	5.2	1.6	3.0	4.1	3.2	0.7	4.3	2.5	1.2	6.7	2.6	3.8	4.9	1.8	2.3
Feb.	3.1	1.9	1.1	2.9	1.3	1.0	3.1	1.5	1.4	3.5	1.5	1.5	3.0	2.1	0.8	3.4	2.2	0.6	4.9	2.7	1.9	3.9	1.6	1.8
Mar.	3.8	2.3	1.3	3.7	1.6	1.3	3.5	2.0	1.4	3.5	1.5	1.4	3.6	2.5	0.9	3.9	2.3	0.9	4.8	2.8	1.8	5.4	2.0	2.4
Apr.	3.6	2.1	1.1	3.5	1.5	1.3	4.3	2.5	1.6	4.1	1.6	2.0	3.6	2.6	0.8	4.1	2.4	1.1	4.3	2.2	1.7	4.5	1.8	1.8
May	4.1	2.7	1.1	3.7	1.7	1.4	5.0	3.4	1.3	4.7	1.9	2.1	4.1	3.3	0.6	4.0	2.6	0.9	4.9	2.5	2.0	5.2	1.9	2.6
Jun.	4.3	3.0	1.0	3.6	1.7	1.3	5.1	3.6	1.2	4.4	2.0	1.7	4.3	3.6	0.5	4.0	2.5	0.8	4.7	2.5	1.8	5.1	2.0	2.2
Jul.	4.0	2.2	1.6	4.3	1.6	2.1	5.8	3.0	2.6	4.3	1.9	1.8	4.8	2.6	2.0	6.5	2.3	3.4	4.8	2.1	2.4	6.7	1.9	3.9
Aug.	4.2	2.6	1.2	4.9	2.8	1.3	5.5	3.6	1.4	4.7	3.0	0.9	4.3	3.2	1.0	5.9	3.6	1.6	5.2	2.4	2.3	6.1	2.7	2.6

Year & Month	Paper & Allied Products						Printing & Publishing						Chemicals						Petroleum & Coal Products					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	3.1	2.6		3.0	1.7	0.6	2.8	2.2		2.9	1.6	0.8	2.5	1.8		2.4	1.2	0.6	1.6	1.3		2.0	0.7	0.4
1974	2.7	2.0		3.5	1.6	1.3	2.4	1.9		2.6	1.4	0.7	2.2	1.6		2.3	1.0	0.7	1.4	1.1		1.4	0.6	0.3
1975	3.4	1.0		3.7	0.7	2.5	2.0	1.1		2.5	0.8	1.3	2.2	0.9		2.4	0.5	1.4	1.1	0.8		1.1	0.3	0.3
1976	2.5	1.5	0.9	2.4	0.8	1.1	2.3	1.5	0.6	2.3	0.9	0.9	2.1	1.2	0.7	1.9	0.6	0.8	1.5	1.0	0.2	1.6	0.4	0.3
1977	2.6	1.5	0.9	2.7	0.9	1.3	2.2	1.5	0.6	2.1	1.0	0.7	2.0	1.3	0.6	2.0	0.7	0.6	1.4	1.1	0.1	1.5	0.5	0.3
1978	2.7	1.7	0.8	2.6	1.1	0.9	2.5	1.8	0.6	2.4	1.2	0.8	2.0	1.4	0.5	1.8	0.7	0.5	1.4	1.1	0.2	1.5	0.5	0.4
Aug.	3.0	2.0	0.8	3.9	2.4	0.7	2.3	1.8	0.4	4.8	1.9	2.1	2.0	1.5	0.4	3.2	1.8	0.7	0.9	0.8	0.1	2.9	1.3	0.7
Sep.	2.8	2.4	0.2	4.1	2.3	1.2	2.7	2.3	0.3	2.5	1.7	0.3	1.7	1.3	0.3	2.2	1.2	0.5	1.4	1.1	0.1	2.4	1.4	0.5
Oct.	2.9	1.9	0.8	2.9	1.3	1.1	2.7	2.2	0.4	2.4	1.4	0.7	2.0	1.6	0.3	1.8	0.7	0.7	1.1	1.0	0.1	1.5	0.5	0.5
Nov.	1.9	1.3	0.5	3.3	0.8	2.0	2.5	1.6	0.8	2.3	1.2	0.8	1.4	1.0	0.3	1.4	0.6	0.4	0.7	0.5	N	1.5	0.3	0.7
Dec.	2.3	1.0	1.1	2.4	0.7	1.2	2.1	1.3	0.7	1.9	1.1	0.5	1.2	0.9	0.2	1.3	0.5	0.3	0.6	0.4	N	1.8	0.3	0.8
1979																								
Jan.	2.5	1.2	1.1	3.4	0.9	1.8	2.8	2.2	0.6	2.9	1.2	1.1	1.6	1.2	0.3	1.7	0.6	0.5	1.0	0.7	0.2	1.1	0.3	0.5
Feb.	2.0	1.1	0.8	1.9	0.8	0.6	2.4	1.6	0.7	1.9	1.1	0.5	1.5	1.2	0.3	1.4	0.5	0.3	1.0	0.6	0.3	1.2	0.4	0.3
Mar.	2.4	1.4	0.8	1.9	1.0	0.4	2.7	1.7	1.0	2.0	1.1	0.6	2.1	1.6	0.4	1.4	0.7	0.3	1.2	0.9	0.2	0.7	0.3	0.1
Apr.	2.6	1.6	0.8	2.5	1.1	0.8	2.4	1.8	0.5	2.3	1.2	0.8	1.6	1.1	0.3	1.2	0.6	0.4	2.0	1.1	0.8	1.2	0.5	0.4
May	3.8	2.6	0.9	2.5	1.2	0.8	2.7	2.2	0.5	2.4	1.3	0.7	2.2	1.7	0.4	1.3	0.6	0.3	2.4	1.6	0.4	1.0	0.4	0.2
Jun.	4.1	3.2	0.7	2.0	1.1	0.5	3.3	2.6	0.6	2.4	1.3	0.8	3.0	2.4	0.4	1.5	0.7	0.4	2.8	2.6	0.1	1.2	0.2	0.3
Jul.	4.3	2.6	1.6	3.6	1.2	1.7	2.4	1.7	0.6	2.1	1.2	0.6	1.6	1.2	0.3	1.4	0.7	0.4	2.7	2.3	0.2	1.1	0.4	0.2
Aug.	3.5	2.6	0.4	4.5	2.7	0.9	2.4	1.8	0.5	3.2	2.2	0.5	1.9	1.6	0.3	2.8	1.9	0.4	1.5	0.3	0.1	3.3	2.1	0.1

Year & Month	Rubber & Plastics						Leather Goods					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	5.0	3.9		4.8	2.7	0.9	7.5	6.3		7.9	5.7	1.3
1974	4.4	3.0		5.2	2.3	1.8	7.1	5.6		8.6	5.1	2.6
1975	3.7	1.1		4.9	0.9	3.1	6.8	5.1		7.0	3.5	2.6
1976	4.1	2.2	1.6	3.7	1.3	1.5	6.4	4.7	1.4	7.2	3.9	2.4
1977	3.5	2.3	1.0	3.6	1.4	1.3	6.6	4.9	1.3	6.8	4.1	1.8
1978	3.3	2.2	0.8	3.2	1.5	1.0	7.0	5.0	1.5	8.0	4.8	2.4
Aug.	3.7	2.6	0.9	4.2	2.8	0.5	11.2	6.3	4.5	12.4	7.4	4.0
Sep.	3.6	2.4	0.7	4.5	2.6	1.1	8.5	6.7	1.3	10.3	6.8	2.5
Oct.	4.5	3.0	1.2	3.1	1.6	0.8	6.7	4.9	1.5	8.4	5.2	2.3
Nov.	2.9	2.0	0.6	3.0	1.3	1.1	5.8	4.2	1.1	7.5	4.2	2.5
Dec.	1.9	1.3	0.5	2.3	1.0	1.0	4.5	2.7	1.5	7.0	3.5	2.7
1979												
Jan.	3.8	2.6	1.0	2.7	1.2	0.8	7.7	4.8	2.2	6.5	3.7	2.1
Feb.	3.0	2.0	0.8	2.7	1.2	0.9	4.4	3.4	0.5	5.4	3.2	1.5
Mar.	3.1	2.2	0.6	3.5	1.5	1.1	6.8	4.7	1.5	8.3	4.5	2.8
Apr.	3.8	2.2	1.4	3.4	1.2	1.4	6.7	4.9	1.5	8.2	4.7	2.5
May	4.8	3.2	1.2	3.2	1.5	0.8	7.9	5.8	1.5	8.2	5.4	1.4
Jun.	4.5	3.4	0.7	2.9	1.2	1.0	7.3	5.7	1.5	7.3	4.5	2.1
Jul.	3.1	2.0	0.8	3.2	1.4	1.0	5.5	4.0	1.0	9.9	4.5	4.9
Aug.	4.1	3.0	0.8	5.8	3.3	1.5	10.2	6.1	3.4	10.2	6.8	2.6

N - Negligible

TABLE 18. LABOR TURNOVER RATES IN PENNSYLVANIA
DURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	All Manufacturing						Durable Goods						Furniture & Fixtures						Stone, Clay & Glass					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	3.7	2.7		3.5	1.8	0.9	3.3	2.4		3.0	1.5	0.7	6.4	5.2		6.6	4.2	1.4	4.1	2.4		3.8	1.6	1.5
1974	3.4	2.2		3.9	1.6	1.6	2.9	1.9		3.2	1.2	1.3	5.0	3.5		7.0	2.9	3.0	3.6	2.0		4.6	1.4	2.5
1975	3.3	1.4		3.9	0.8	2.3	2.8	0.9		3.7	0.6	2.5	5.8	2.0		6.1	1.2	[illegible]	3.9	1.0		4.6	0.7	3.3
1976	3.3	1.5	1.5	3.5	0.9	1.9	2.9	1.0	1.6	3.1	0.6	1.8	5.1	2.8	2.0	5.2	1.8	2.5	3.7	1.3	2.3	3.5	0.7	2.2
1977	3.4	1.7	1.5	3.5	1.0	1.8	3.1	1.3	1.6	3.2	0.7	1.8	6.4	3.8	2.4	5.6	2.1	2.5	3.9	1.4	2.4	3.6	0.8	2.2
1978	3.0	1.8	0.9	2.9	1.2	1.1	2.6	1.5	0.9	2.4	0.8	0.9	4.8	4.0	0.6	4.7	2.7	1.0	2.7	1.6	1.0	2.8	0.9	1.2
Aug	3.3	2.1	0.9	3.5	1.9	0.8	2.7	1.7	0.7	2.7	1.4	0.6	6.9	5.2	1.4	6.9	4.5	1.0	2.9	2.0	0.7	3.7	2.0	0.7
Sep	3.2	2.3	0.7	3.4	1.9	0.8	2.6	1.8	0.6	2.7	1.3	0.7	5.7	5.1	0.4	5.0	3.3	0.5	2.8	2.0	0.5	3.3	1.5	1.3
Oct	3.1	2.2	0.7	3.0	1.3	1.0	2.7	1.8	0.6	2.3	0.9	0.7	5.6	5.0	0.4	5.4	3.2	0.9	2.3	1.6	0.6	2.6	0.8	1.2
Nov	2.3	1.5	0.6	2.7	1.0	1.1	2.0	1.2	0.6	2.1	0.6	0.9	3.9	3.4	0.3	4.1	2.3	[illegible]	1.8	1.0	0.5	2.5	0.7	0.9
Dec	1.9	1.1	0.6	2.7	0.8	1.3	1.6	0.9	0.5	2.1	0.5	1.0	2.8	2.5	0.2	3.3	1.9	0.5	1.7	0.7	0.8	3.6	0.5	2.2
1979 Jan	3.3	1.9	1.2	3.1	1.0	1.4	2.8	1.6	0.9	2.7	0.7	1.1	4.0	3.4	0.5	5.0	2.1	1.3	2.1	0.9	1.1	4.1	0.7	2.8
Feb	2.6	1.6	0.9	2.5	0.9	0.9	2.4	1.4	0.8	2.3	0.7	1.5	3.7	2.3	1.5	4.2	1.6	1.5	2.6	0.8	1.6	2.4	0.5	1.2
Mar	3.1	1.8	1.0	2.9	1.1	1.0	2.6	1.5	0.9	2.3	0.8	0.8	4.1	3.5	0.3	5.7	2.4	1.9	3.8	1.0	2.7	2.6	0.7	1.4
Apr	2.9	1.7	0.9	2.8	1.1	1.0	2.5	1.5	0.8	2.3	0.8	0.6	4.2	3.1	0.6	6.0	2.0	2.9	3.8	1.7	2.0	2.4	0.7	1.2
May	3.6	2.3	1.0	2.8	1.2	0.9	3.2	2.0	0.9	2.2	0.9	0.6	7.8	4.3	3.3	6.9	2.2	3.2	3.8	2.3	1.3	1.9	0.8	0.6
Jun	3.6	2.6	0.7	2.8	1.2	1.0	3.1	2.3	0.6	2.3	0.9	0.8	6.5	3.8	2.4	4.6	2.4	0.8	3.6	2.6	0.7	2.3	0.8	1.0
Jul	3.2	1.8	1.1	3.3	1.1	1.6	2.7	1.6	0.7	2.7	0.8	1.2	6.6	3.5	3.0	7.5	2.0	4.5	2.7	1.7	0.9	2.4	0.8	1.1
Aug	3.4	2.1	1.0	4.1	2.2	1.1	2.9	1.8	0.9	3.6	1.8	1.0	6.8	4.9	1.6	6.7	4.4	0.6	3.1	1.7	1.2	3.8	2.2	1.0

Year & Month	Primary Metals						Fabricated Metals						Machinery except Electrical						Electric & Electronic Equipment					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	2.4	1.8		2.1	1.0	0.4	4.0	2.9		3.8	1.7	1.2	2.8	2.3		2.1	1.2	0.3	3.2	2.4		3.0	1.5	0.6
1974	2.3	1.5		2.3	0.9	0.8	3.7	2.4		4.1	1.4	1.8	2.6	2.1		2.3	1.2	0.4	2.2	1.4		2.9	1.1	1.1
1975	3.0	0.5		4.3	0.3	3.3	2.8	1.1		3.8	0.6	2.5	1.7	0.9		2.7	0.6	1.5	1.6	0.4		2.8	0.4	1.8
1976	3.3	0.6	2.4	3.3	0.4	2.2	2.7	1.1	1.5	3.5	0.6	2.2	2.4	0.9	1.4	2.8	0.6	1.7	2.1	1.0	0.7	2.2	0.6	0.9
1977	2.9	0.8	1.8	3.2	0.4	2.0	3.3	1.3	1.8	3.4	0.7	2.1	3.2	1.0	2.0	3.5	0.6	2.3	2.5	1.2	0.8	2.6	0.7	1.2
1978	2.5	1.1	1.2	2.4	0.5	1.1	3.1	1.6	1.2	3.0	0.9	1.3	2.1	1.4	0.5	1.6	0.7	0.4	2.3	1.3	0.7	2.3	0.8	0.8
Aug	2.0	1.2	0.6	3.1	1.5	0.8	3.7	2.1	1.3	3.2	1.6	0.8	2.0	1.6	0.3	1.9	1.1	0.2	2.8	1.5	0.9	2.5	1.3	0.5
Sep	2.0	1.1	0.7	2.6	1.2	0.7	3.1	2.2	0.7	3.2	1.5	1.0	1.8	1.5	0.2	1.8	1.0	0.3	2.5	1.5	0.7	2.6	1.3	0.5
Oct	2.0	1.0	0.7	2.2	0.5	1.0	3.3	2.5	0.6	2.9	1.0	1.0	2.0	1.7	0.2	1.5	0.8	0.3	2.6	1.7	0.6	2.2	0.8	0.6
Nov	1.7	0.7	0.8	1.6	0.4	0.7	2.6	1.4	0.9	3.0	0.8	1.7	1.6	1.3	0.2	1.4	0.6	0.4	2.0	1.1	0.6	1.9	0.7	0.7
Dec	1.6	0.5	0.8	1.9	0.3	1.0	1.9	1.0	0.7	2.3	0.6	1.2	1.4	1.1	0.2	1.4	0.6	0.4	1.6	0.8	0.5	1.7	0.5	0.6
1979 Jan	3.0	1.3	1.4	2.4	0.4	1.0	3.4	1.9	1.2	3.2	0.8	1.6	2.2	1.6	0.3	1.6	0.8	0.3	2.5	1.4	0.7	2.4	0.7	0.9
Feb	2.3	1.3	0.8	1.8	0.4	0.5	2.6	1.7	0.7	2.7	0.7	1.3	1.7	1.4	0.2	1.3	0.6	0.2	2.2	1.2	0.6	2.2	0.7	0.8
Mar	1.9	1.2	0.5	1.8	0.4	0.6	3.0	1.8	1.1	2.5	0.8	1.0	1.8	1.4	0.2	1.7	0.8	0.3	2.4	1.4	0.7	2.4	0.8	0.8
Apr	2.0	1.1	0.7	1.9	0.4	0.7	2.8	1.8	0.9	3.1	0.9	1.6	1.6	1.2	0.2	1.3	0.7	0.2	2.5	1.4	0.7	2.3	0.8	0.5
May	3.3	1.8	1.1	1.6	0.5	0.4	3.8	2.4	1.1	2.5	1.1	0.7	1.9	1.6	0.2	1.5	0.8	0.2	2.9	1.8	0.6	2.4	1.0	0.6
Jun	2.6	2.0	0.3	1.4	0.5	0.2	3.7	2.5	1.0	3.5	1.0	1.7	2.4	2.1	0.2	1.9	0.9	0.5	2.9	2.1	0.5	1.7	0.8	0.3
Jul	2.2	1.4	0.6	2.3	0.5	0.8	3.3	1.9	1.1	3.3	0.9	1.7	2.0	1.3	0.5	1.9	0.7	0.7	2.9	1.6	1.0	2.8	0.8	1.5
Aug	2.1	1.2	0.5	3.4	1.7	0.8	4.8	2.4	1.9	4.8	2.0	2.0	2.2	1.5	0.6	2.3	1.3	0.4	2.9	1.9	0.5	3.5	1.9	0.8

Year & Month	Transportation Equipment						Instruments & Related						Miscellaneous Manufacturing					
	Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	4.4	2.6		3.8	1.4	1.2	2.9	2.4		2.8	1.6	0.5	3.6	2.7		3.5	2.0	0.9
1974	4.2	2.2		4.2	1.1	2.0	2.9	2.4		2.8	1.4	0.7	3.8	2.6		4.8	1.8	2.3
1975	3.5	1.3		3.9	0.6	2.2	1.9	1.1		2.2	0.6	1.0	3.2	1.0		3.3	0.7	2.1
1976	3.2	1.1	1.6	3.5	0.5	2.0	2.1	1.4	0.5	1.8	0.7	0.6	2.6	1.5	0.9	2.7	0.8	1.2
1977	3.0	1.6	1.1	2.8	0.6	1.4	2.1	1.6	0.3	1.7	0.8	0.4	2.7	1.5	1.1	2.7	0.8	1.3
1978	3.0	1.5	1.0	2.5	0.7	1.0	2.0	1.6	0.2	1.7	0.9	0.3	2.9	1.9	0.9	2.9	1.0	1.2
Aug	3.7	2.1	1.1	3.1	1.1	0.9	1.7	1.5	0.1	2.3	1.5	0.2	2.5	1.6	0.8	3.4	1.3	0.6
Sep	3.8	2.1	1.3	2.6	1.0	0.8	2.4	1.9	0.3	2.5	1.3	0.7	3.9	2.9	0.7	3.9	1.6	0.8
Oct	3.3	1.8	1.1	2.1	0.7	0.4	2.4	2.0	0.3	1.4	0.9	0.2	4.3	3.6	0.6	2.9	1.4	1.0
Nov	2.5	1.2	0.7	1.7	0.5	0.5	1.6	1.2	0.3	1.3	0.7	0.1	1.8	1.2	0.5	4.0	1.1	2.5
Dec	1.6	0.8	0.3	2.0	0.3	1.0	1.1	0.9	0.1	1.2	0.6	0.1	1.7	0.6	1.0	5.5	0.8	4.1
1979 Jan	2.9	1.7	0.8	2.8	0.8	0.9	2.3	2.1	0.1	1.6	0.7	0.2	4.1	2.4	1.6	3.8	0.7	2.2
Feb	2.0	1.3	0.4	2.9	0.5	1.4	2.6	2.4	0.1	2.5	1.1	0.3	3.2	1.6	1.4	2.3	0.8	0.6
Mar	2.7	1.6	0.7	2.8	0.9	1.0	2.2	1.9	0.1	1.4	0.9	0.2	3.6	2.3	1.3	2.7	0.9	0.7
Apr	3.1	1.4	1.3	2.9	0.7	1.1	2.0	1.4	0.5	1.7	0.9	0.3	3.3	1.6	1.6	3.0	0.9	1.1
May	3.1	1.5	1.2	2.5	0.6	0.9	2.7	1.9	0.6	2.0	0.9	0.5	3.5	2.3	1.0	2.2	1.1	0.3
Jun	2.7	1.7	0.6	3.8	0.6	1.9	2.9	2.3	0.4	2.0	1.0	0.4	6.0	4.4	1.4	2.4	1.4	0.5
Jul	3.2	1.4	1.2	3.0	0.6	1.4	1.5	1.2	0.1	2.1	0.8	0.8	3.3	1.5	1.7	4.1	1.4	2.2
Aug	2.7	1.2	1.0	3.3	1.1	1.3	1.7	1.0	0.5	2.3	1.4	0.2	3.5	2.7	0.7	5.4	3.9	1.0

N = Negligible

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

NOVEMBER 1979

Vol. XXIV No. 11

JOB SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY BUREAU OF EMPLOYMENT SECURITY

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BUR-652 REV 10-77

- EXPLANATORY -

INDUSTRY EMPLOYMENT

Employment data, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives."

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing to:
PENNSYLVANIA BUREAU OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING-ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717-787-3129

Issued: November 1979

Reference: Mid-October

PENNSYLVANIA EMPLOYMENT & EARNINGS

OCTOBER 1979

Total unemployment in Pennsylvania, both seasonally adjusted and unadjusted, rose in October.

Seasonally adjusted, the rate of unemployment grew to 8.3 percent of the total civilian labor force in October from 7.1 percent in September. The volume of unemployment was estimated at 445,000 in October, a rise of 69,000 over September. Increases were also shown over the previous year. Last October seasonally adjusted unemployment was 389,000 and the rate was 7.3 percent.

The unadjusted rate of unemployment climbed to 7.9 percent in October from 6.7 percent in September. Unemployed workers numbered 426,000 in October, up 69,000 over September. One year ago, unemployment was 369,000 with a rate of 6.9 percent.

Nationwide, the October seasonally adjusted rate was 6.0 percent of the total civilian labor force, up from 5.8 percent in September. The unadjusted rate was 5.6 percent in October, unchanged from September.

MANUFACTURING DROPS SLIGHTLY

Factory employment remained fairly stable during October. The drop of 4,800 jobs was typical for this season of the year. PRIMARY METALS lost 1,900 jobs, accounting for most of the drop in durable industries. APPAREL followed, with a minus 1,200. It should be noted, however, that labor-management disputes in some smaller firms had a minimal effect on both these industry lines. No gains of any significance were in evidence in manufacturing industries during this period.

Employment levels were on a par with last October. Strength, however, was evident only in durable industries, with a gain of more than 15,000. Nondurables showed a minus 15,600 when compared with last October.

Job opportunities appeared to be limited in September, with turnover showing a marked decline. Both new hires and recalls diminished, causing an 11 percent decline in overall accessions. Separations, however, were not as numerous as they were in August. Quits declined 30 percent to a rate of 16 per thousand workers compared with August's rate of 23. Layoffs remained static. Workers apparently did not feel especially optimistic about job opportunities since the inclination seems to have been to hold on to what they had.

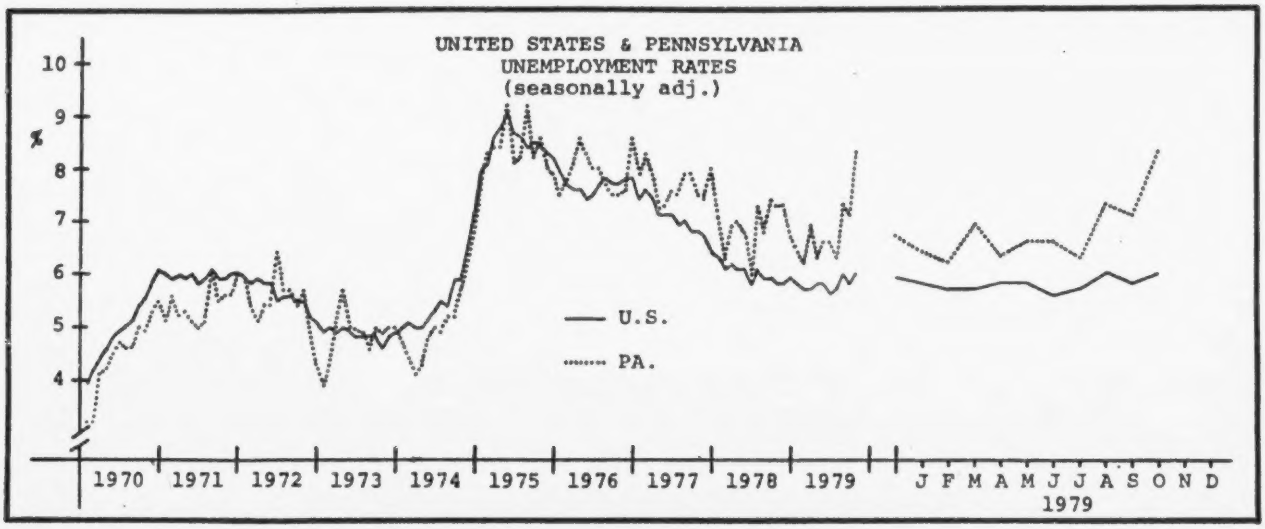
HOURS AND EARNINGS CHANGE LITTLE

Pennsylvania's 994,400 factory production workers averaged $7.14 an hour during October and worked a 39.8 hour week. The average rate edged upward by an unimpressive two cents. The 39.8 hour work week represented a drop of three-tenths an hour. Both durable and nondurable industries registered an average drop of eighteen minutes in the workweek. Durable losses were reflected rather evenly along the industrial array. FOOD and PETROLEUM industries reported rather severe cut-backs of more than an hour a week but curtailments in other nondurable industries were average.

Nationwide, factory earnings averaged $6.83 an hour for a 40.2 hour workweek.

NONMANUFACTURING JOBS EXPAND

Nonfactory jobs increased nearly 41,000 during October. Apart from SERVICES and RETAIL TRADE, however, the private sector showed no other particular strengths. SERVICES, influenced by a strong surge in private educational facilities, shot up 15,600. RETAIL TRADE, up nearly 10,000, was seasonally influenced. The GOVERNMENT sector accounted for 14,200 additional jobs during October and stood within three hundred of last October's employment level. Overall, nonmanufacturing jobs, at 3,362,800, managed to show a twelve month improvement by almost 14,000. SERVICES ran ahead but CONSTRUCTION and RETAIL TRADE fell behind the year ago levels.



EMPLOYMENT DATA IN THIS PUBLICATION HAVE BEEN REVISED TO FIRST QUARTER 1978 BENCHMARKS, AND ARE THEREFORE, NOT STRICTLY COMPARABLE WITH FIGURES PUBLISHED PRIOR TO JANUARY 1977. DATA ARE BASED ON INDUSTRY CLASSIFICATION IN ACCORDANCE WITH THE REVISED 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL.

On all tables data for most recent month are preliminary and subject to revision.

ADDITIONAL NOTATION ON PAGE 13

Table 1. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1961	4,508.0	4,080.9	427.1	9.5		70,459.0	65,746.0	4,714.0	6.7	
1962	4,474.2	4,110.5	363.7	8.1		70,614.0	66,702.0	3,911.0	5.5	
1963	4,422.9	4,090.0	332.9	7.5		71,833.0	67,762.0	4,070.0	5.7	
1964	4,430.9	4,155.2	275.7	6.2		73,091.0	69,305.0	3,786.0	5.2	
1965	4,469.3	4,263.4	205.9	4.6		74,455.0	71,088.0	3,366.0	4.5	
1966	4,558.3	4,395.0	163.3	3.6		75,770.0	72,895.0	2,875.0	3.8	
1967	4,637.0	4,467.0	170.0	3.7		77,347.0	74,372.0	2,975.0	3.8	
1968	4,634.0	4,475.0	159.0	3.4		78,737.0	75,920.0	2,817.0	3.6	
1969	4,720.0	4,566.0	154.0	3.3		80,734.0	77,902.0	2,832.0	3.5	
1970	4,833.0	4,618.0	215.0	4.4		82,715.0	78,627.0	4,088.0	4.9	
1971	4,803.0	4,543.0	260.0	5.4		84,113.0	79,120.0	4,993.0	5.9	
1972	4,875.0	4,609.0	265.0	5.4		86,542.0	81,702.0	4,840.0	5.6	
1973	4,988.0	4,747.0	241.0	4.8		88,714.0	84,409.0	4,304.0	4.9	
1974	5,036.0	4,778.0	258.0	5.1		91,011.0	85,935.0	5,076.0	5.6	
1975	5,069.0	4,647.0	421.0	8.3		92,613.0	84,783.0	7,830.0	8.5	
1976	5,094.0	4,690.0	404.0	7.9		94,773.0	87,485.0	7,288.0	7.7	
1977	5,168.0	4,770.0	398.0	7.7		97,401.0	90,546.0	6,855.0	7.0	
1978	5,252.0	4,888.0	364.0	6.9		100,420.0	94,373.0	6,047.0	6.0	
1978 Oct.	5,325.0	4,955.0	369.0	6.9	7.3	101,555.0	96,095.0	5,460.0	5.4	5.8
Nov.	5,332.0	4,980.0	352.0	6.6	7.3	101,659.0	96,029.0	5,629.0	5.5	5.8
Dec.	5,347.0	5,026.0	320.0	6.0	6.7	101,632.0	95,906.0	5,725.0	5.6	5.9
1979 Jan.	5,276.0	4,900.0	376.0	7.1	6.4	100,867.0	94,436.0	6,431.0	6.4	5.8
Feb.	5,240.0	4,845.0	394.0	7.5	6.2	101,249.0	94,765.0	6,484.0	6.4	5.7
Mar.	5,277.0	4,865.0	412.0	7.8	6.9	101,665.0	95,501.0	6,165.0	6.1	5.7
Apr.	5,186.0	4,866.0	320.0	6.2	6.3	101,236.0	95,675.0	5,561.0	5.5	5.8
May	5,217.0	4,922.0	294.0	5.6	6.6	101,473.0	96,220.0	5,253.0	5.2	5.8
Jun.	5,343.0	4,959.0	384.0	7.2	6.6	104,153.0	97,917.0	6,235.0	6.0	5.6
Jul.	5,398.0	5,058.0	340.0	6.3	6.3	104,995.0	98,891.0	6,104.0	5.8	5.7
Aug.	5,350.0	4,977.0	373.0	7.0	7.3	104,363.0	98,226.0	6,137.0	5.9	6.0
Sep.	5,301.0	4,944.0	357.0	6.7	7.1	103,373.0	97,576.0	5,798.0	5.6	5.8
Oct.	5,364.0	4,938.0	426.0	7.9	8.3	103,939.0	98,158.0	5,781.0	5.6	6.0

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From--	
	Oct. 1979	Sept. 1979	Oct. 1978	Sept. 1979	Oct. 1978
TOTAL CIVILIAN LABOR FORCE	5,364.0	5,201.0	5,325.0	63.0	39.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	426.0	357.0	369.0	69.0	57.0
% CIVILIAN LABOR FORCE	7.9	6.7	6.9	1.2	1.0
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	445.0	376.0	389.0	69.0	56.0
% CIVILIAN LABOR FORCE	8.3	7.1	7.3	1.2	1.0
TOTAL EMPLOYMENT	4,938.0	4,944.0	4,955.0	-6.0	-17.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From--	
	Oct. 1979	Sept. 1979	Oct. 1978	Sept. 1979	Oct. 1978
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,742.8	4,705.6	4,730.3	37.2	12.5
LABOR-MANAGEMENT DISPUTES	8.3	7.1	9.3	1.2	-1.0
ALL MANUFACTURING INDUSTRIES	1,371.7	1,376.5	1,372.1	-4.8	-0.4
TOTAL NONMANUFACTURING INDUSTRIES	3,362.8	3,322.0	3,348.9	40.8	13.9
Mining	51.4	52.3	53.4	-0.9	-2.0
Anthracite	3.0	3.0	3.0	0.0	0.0
Bituminous	39.1	40.0	41.9	-0.9	-2.8
Nonmetallic minerals	5.1	5.1	4.8	0.0	0.3
Contract Construction	203.4	204.9	214.3	-1.5	-10.9
General building	53.5	54.7	57.2	-1.2	-3.7
Heavy construction	47.5	48.1	45.4	-0.6	2.1
Special trades	102.4	102.1	111.7	0.3	-9.3
Transportation	167.9	166.4	167.9	1.5	0.0
Railroads	44.5	44.5	45.1	0.0	-0.6
Public Utilities	103.5	103.5	101.1	0.0	2.4
Communications	54.0	53.9	53.0	0.1	1.0
Electric, gas & sanitary service	49.5	49.6	48.1	-0.1	1.4
Electric systems	23.7	23.7	22.8	0.0	0.9
Gas production	11.4	11.4	11.1	0.0	0.3
Wholesale trade	227.9	225.9	226.7	2.0	1.2
Retail trade	743.6	733.7	757.3	9.9	-13.7
General merchandise stores	124.4	123.9	133.1	0.5	-8.7
Department stores	109.7	109.4	117.0	0.3	-7.3
Finance, insurance & real estate	237.0	237.0	228.4	0.0	8.6
Banking	77.8	78.0	75.1	-0.2	2.7
Commercial & stock savings	71.9	72.0	69.4	-0.1	2.5
Credit agencies & securities	30.8	30.4	29.5	0.4	1.3
Insurance	69.9	69.8	67.4	0.1	2.5
Life insurance	26.0	26.1	25.7	-0.1	0.3
Fire, marine & casualty	29.3	29.2	28.2	0.1	1.1
Services	933.9	918.3	905.9	15.6	28.0
Business services	116.8	115.7	115.7	1.1	1.1
Health services	295.9	295.9	290.5	0.0	5.4
Nursing & personal care	47.4	47.5	46.0	-0.1	1.4
Hospitals	184.3	184.1	178.9	0.2	5.4
Educational service	139.5	118.6	124.3	20.9	15.2
Miscellaneous services	42.3	42.2	42.8	0.1	-0.5
Engineering & architectural	25.5	25.6	26.9	-0.1	-1.4
Government	694.2	680.0	693.9	14.2	0.3
Federal	127.5	127.7	128.7	-0.2	-1.2
State & local	566.7	552.3	565.2	14.4	1.5

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS

(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manufacturing	Total Non-Manufacturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.0	3,853.8	1,341.5	3,223.5	48.0	183.9	939.0	221.7	717.2
1978	4,669.9	3,951.9	1,362.1	3,307.8	46.6	195.3	969.6	226.5	743.1
1978 Oct.	4,721.0	4,027.1	1,372.1	3,348.9	53.4	214.3	984.0	226.7	757.3
Nov.	4,738.2	4,037.5	1,375.3	3,362.9	53.9	208.7	998.6	227.2	771.4
Dec.	4,734.8	4,027.2	1,371.2	3,363.6	52.9	192.5	1,008.0	228.3	779.7
1979 Jan.	4,634.7	3,934.0	1,364.3	3,270.5	52.7	166.1	968.7	228.0	740.7
Feb.	4,619.2	3,908.1	1,363.4	3,255.8	52.0	150.7	948.6	226.3	722.3
Mar.	4,660.7	3,947.1	1,365.4	3,295.3	52.4	166.7	957.2	226.7	730.5
Apr.	4,691.8	3,976.6	1,365.5	3,326.3	52.3	185.2	965.4	228.1	737.3
May	4,732.4	4,012.2	1,368.4	3,364.0	52.8	196.3	971.0	227.0	744.0
Jun.	4,757.2	4,039.5	1,387.3	3,369.9	52.7	198.5	970.3	228.8	741.5
Jul.	4,699.4	4,006.9	1,374.3	3,325.1	52.3	205.7	956.9	229.3	727.6
Aug.	4,688.1	3,998.0	1,367.8	3,320.3	51.9	205.8	955.6	228.8	726.8
Sep.	4,698.5	4,018.5	1,376.5	3,322.0	52.3	204.9	959.6	225.9	733.7
Oct.	4,734.5	4,040.3	1,371.7	3,362.8	51.4	203.4	971.5	227.9	743.6

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.4	137.6	513.8
1973	161.6	105.5	206.5	762 [illegible]	151.9	610.2	658.2	136.4	521.8
1974	161.1	104.4	207.3	773.6	154.9	618.7	681.5	136.6	544.9
1975	154.0	102.5	207.3	798.5	159.8	638.7	720.9	134.4	586.5
1976	155.4	101.1	211.4	839.7	165.5	674.2	721.6	131.8	589.8
1977	160.7	100.7	217.5	862.4	171.1	691.3	711.2	128.1	583.0
1978	163.5	101.2	226.2	887.5	177.3	710.2	718.0	129.1	588.9
1978 Oct.	167.9	101.1	228.4	905.9	178.9	727.0	693.9	128.7	565.2
Nov.	167.8	101.4	229.5	902.3	179.6	722.7	700.7	128.7	572.0
Dec.	168.0	101.6	231.1	901.9	180.0	721.9	707.6	128.7	578.9
1979 Jan.	164.4	101.6	230.8	885.4	180.2	705.2	700.8	127.6	573.2
Feb.	164.1	101.8	232.5	895.0	180.9	714.1	711.1	126.8	584.3
Mar.	165.5	101.8	233.2	904.9	181.3	723.6	713.6	126.7	586.9
Apr.	165.0	102.1	234.1	907.0	181.3	725.7	715.2	126.7	588.5
May	168.0	102.5	235.8	917.4	181.5	735.9	720.2	127.5	592.7
Jun.	168.7	103.8	238.6	919.6	184.3	735.3	717.7	129.1	588.6
Jul.	162.0	104.4	239.6	911.7	185.1	726.6	692.5	129.6	562.9
Aug.	161.8	104.6	239.6	910.9	184.4	726.5	690.1	128.8	561.3
Sep.	166.4	103.5	237.0	918.3	184.1	734.2	680.0	127.7	552.3
Oct.	167.9	103.5	237.0	933.9	184.3	749.6	694.2	127.5	566.7

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

SEPTEMBER 1979

Industry	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Sep. 1979	Aug. 1979	Sep. 1978	Sep. 1979	Aug. 1979	Sep. 1978	Sep. 1979	Aug. 1979	Sep. 1978
All Manufacturing	1,376.5	3.1	3.5	3.2	2.1	2.2	2.3	0.8	1.0	0.7
Durable Goods	849.7	2.6	3.0	2.6	1.7	1.8	1.8	0.6	0.9	0.6
Furniture & Fixtures	20.8	5.4	6.9	5.7	5.0	5.2	5.1	0.2	1.6	0.4
Stone, Clay & Glass Products	63.7	3.2	2.9	2.8	1.4	1.7	2.0	1.7	1.1	0.5
Primary Metal Industries	204.4	1.7	2.0	2.0	0.9	1.2	1.1	0.5	0.5	0.7
Fabricated Metal Products	114.6	3.4	4.7	3.1	2.3	2.4	2.2	0.7	1.9	0.7
Machinery, exc. Electrical	140.9	1.8	2.3	1.8	1.5	1.5	1.5	0.2	0.6	0.2
Electric & Electronic Equip.	129.1	2.8	3.0	2.5	1.8	2.1	1.5	0.5	0.5	0.7
Transportation Equipment	88.2	3.2	3.1	3.8	1.6	1.4	2.1	1.1	1.2	1.3
Instruments & Related Products	39.4	1.6	1.9	2.4	1.3	1.2	1.9	0.2	0.5	0.3
Miscellaneous Manufacturing	26.8	4.7	4.8	3.9	3.7	[illegible].4	2.9	0.8	1.3	0.7
Nondurable Goods	526.8	4.0	4.2	3.9	2.7	2.7	3.0	1.0	1.2	0.7
Food & Kindred Products	98.9	5.0	5.4	4.8	3.5	3.5	3.4	1.4	1.4	1.2
Textile Mill Products	48.4	3.9	4.4	4.6	3.4	3.4	4.1	0.7	0.9	0.3
Apparel & Related Products	123.2	5.4	5.3	4.6	2.6	2.6	3.3	2.1	2.4	1.0
Paper & Allied Products	45.6	3.5	3.6	2.8	2.6	2.6	2.4	0.3	0.9	0.2
Printing & Publishing	70.8	2.7	2.5	2.7	1.9	1.9	2.3	0.4	0.1	0.3
Chemicals & Allied Products	61.5	2.0	1.9	1.7	1.6	1.6	1.3	0.3	0.3	0.3
Petroleum & Coal Products	17.4	1.7	1.4	1.4	0.9	0.9	1.1	0.2	0.1	0.1
Rubber & Plastics Products	40.7	3.7	3.9	3.6	2.8	2.8	2.4	0.5	0.7	0.7
Leather & Leather Products	16.7	5.9	10.4	8.5	6.5	6.5	6.7	0.7	3.7	1.3

Industry	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Sep. 1979	Aug. 1979	Sep. 1978	Sep. 1979	Aug. 1979	Sep. 1978	Sep. 1979	Aug. 1979	Sep. 1978
All Manufacturing	1,376.5	3.5	4.2	3.4	1.6	2.3	1.9	1.2	1.2	0.8
Durable Goods	849.7	3.1	3.7	2.7	1.2	1.8	1.3	1.1	1.1	0.7
Furniture & Fixtures	20.8	6.3	6.8	5.0	3.3	4.4	3.3	1.4	0.7	0.5
Stone, Clay & Glass Products	63.7	3.2	4.1	3.3	1.2	2.1	1.5	1.2	1.4	1.3
Primary Metal Industries	204.4	3.5	3.4	2.6	1.0	1.7	1.2	1.7	0.8	0.7
Fabricated Metal Products	114.6	3.0	4.6	3.2	1.2	2.0	1.5	1.1	1.9	1.0
Machinery, exc. Electrical	140.9	2.0	2.3	1.8	0.9	1.3	1.0	0.5	0.4	0.3
Electric & Electronic Equip.	129.1	2.6	3.9	2.6	1.3	2.0	1.3	0.6	1.0	0.5
Transportation Equipment	88.2	2.8	3.4	2.6	1.0	1.1	1.0	1.0	1.4	0.8
Instruments & Related Products	39.4	3.2	2.6	2.5	1.2	1.5	1.3	1.1	0.3	0.7
Miscellaneous Manufacturing	26.8	4.5	6.2	3.9	2.2	3.7	1.6	1.2	1.9	0.8
Nondurable Goods	526.8	4.3	5.0	4.3	2.3	2.9	2.7	1.3	1.4	1.0
Food & Kindred Products	98.9	4.9	4.6	4.6	2.5	3.1	2.7	1.5	0.8	1.2
Textile Mill Products	48.4	5.0	6.2	5.4	3.2	3.7	3.9	1.2	0.4	0.8
Apparel & Related Products	123.2	5.3	6.5	5.0	2.4	2.8	3.0	2.4	2.7	1.1
Paper & Allied Products	45.6	4.1	4.5	4.1	2.3	2.7	2.3	0.9	0.8	1.2
Printing & Publishing	70.8	2.7	3.2	2.5	1.7	2.2	1.7	0.6	0.4	0.3
Chemicals & Allied Products	61.5	2.3	2.8	2.2	1.2	1.9	1.2	0.7	0.4	0.5
Petroleum & Coal Products	17.4	1.9	3.6	2.4	1.1	2.5	1.4	0.1	0.4	0.5
Rubber & Plastics Products	40.7	4.5	5.6	4.5	2.3	3.3	2.6	1.1	1.3	1.1
Leather & Leather Products	16.7	8.5	10.8	10.3	6.3	6.7	6.8	1.4	3.4	2.5

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Detail

(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Oct. 1979	Sept. 1979	Oct. 1978	Sept. 1979	Oct. 1978
	TOTAL MANUFACTURING INDUSTRIES	1,371.7	1,376.5	1,372.1	-4.8	-0.4
	TOTAL DURABLE GOODS	847.5	849.7	832.3	-2.2	15.2
24	Lumber & wood products	21.6	21.8	22.5	-0.2	-0.9
243	Millwork, plywood & structural	7.1	7.1	7.4	0.0	-0.3
	Other lumber & wood products	14.5	14.7	15.1	-0.2	-0.6
25	Furniture & fixtures	20.7	20.8	20.8	-0.1	-0.1
251	Household furniture	10.2	10.1	9.9	0.1	0.3
252	Office furniture	4.8	4.9	5.1	-0.1	-0.3
	Other furniture & fixtures	5.7	5.8	5.8	-0.1	-0.1
32	Stone, clay & glass products	63.3	63.7	64.9	-0.4	-1.6
322	Glass & glassware, pressed or blown	17.0	17.0	17.6	0.0	-0.6
3221	Glass containers	9.3	9.2	9.6	0.1	-0.3
3229	Other pressed or blown glass	7.7	7.8	8.0	-0.1	-0.3
324	Hydraulic cement	3.2	3.3	3.4	-0.1	-0.2
325	Structural clay products	6.3	6.2	6.4	0.1	-0.1
326	Pottery & related products	4.4	4.4	4.4	0.0	0.0
327	Concrete, gypsum & plaster products	9.0	9.2	8.9	-0.2	0.1
	Other stone, clay & glass products	23.4	23.6	24.2	-0.2	-0.8
33	Primary metal industries	202.5	204.4	199.6	-1.9	2.9
331	Blast furnace & basic steel products	151.1	152.9	150.0	-1.8	1.1
3312	Blast furnaces & steel mills	137.8	139.6	137.1	-1.8	0.7
	Other basic steel products	13.3	13.3	12.9	0.0	0.4
332	Iron & steel foundries	20.7	20.7	19.7	0.0	1.0
3321	Gray iron foundries	8.2	8.3	7.8	-0.1	0.4
3325	Steel foundries, n.e.c.	7.5	7.4	6.9	0.1	0.6
3322,4	Malleable iron & steel invest.	5.0	5.0	5.0	0.0	0.0
335	Nonferrous rolling & drawing	13.2	13.2	12.9	0.0	0.3
336	Nonferrous foundries	7.9	7.9	7.5	0.0	0.4
	Other primary metal products	9.6	9.7	9.5	-0.1	0.1
34	Fabricated metal products,(incl. ordnance)	114.9	114.6	113.2	0.3	1.7
341	Metal cans & shipping containers	4.6	4.8	4.9	-0.2	-0.3
342	Cutlery, hand tools & hardware	7.5	7.5	8.0	0.0	-0.5
343	Plumbing & heating exc. electrical	3.0	3.0	3.0	0.0	0.0
344	Fabricated structural metal products	37.2	37.8	36.8	-0.6	0.4
3441	Fabricated structural metal	9.5	9.9	9.1	-0.4	0.4
3443	Fabricated plate work (boiler shops)	10.8	11.3	10.5	-0.5	0.3
	Other fabricated struct. metal products	16.9	16.6	17.2	0.3	-0.3
345	Screw machine products, bolts, etc.	8.9	8.8	8.1	0.1	0.8
346	Metal forgings & stampings	20.8	20.0	20.4	0.8	0.4
3462	Iron & steel forgings	6.3	6.2	5.7	0.1	0.6
	Other metal forgings & stampings	14.5	13.8	14.7	0.7	-0.2
347,8	Metal services & ordnance, n.e.c.	8.1	8.2	8.2	-0.1	-0.1
349	Misc. fabricated metal products	24.8	24.5	23.8	0.3	1.0
3494	Valves & pipe fittings	11.0	11.0	10.5	0.0	0.5
	Other misc. fabricated metal products	13.8	13.5	13.3	0.3	0.5
35	Machinery, exc. electrical	141.0	140.9	139.2	0.1	1.8
351	Engines & turbines	7.7	7.8	8.0	-0.1	-0.3
352	Farm & garden machinery	4.4	4.4	4.2	0.0	0.2
353	Construction & related machinery	26.2	26.3	25.9	-0.1	0.3
3531	Construction machinery	10.0	10.1	10.0	-0.1	0.0
3535	Conveyors & conveying equipment	3.4	3.5	3.6	-0.1	-0.2
	Other construction & related machinery	12.8	12.7	12.3	0.1	0.5
354	Metal working machinery	21.7	21.7	21.4	0.0	0.3
355	Special industry machinery	15.1	15.0	13.7	0.1	1.4
356	General industrial machinery	29.2	29.1	29.3	0.1	-0.1
3561	Pumps & pumping equipment	3.6	3.6	3.7	0.0	-0.1
3562	Ball & roller bearings	4.4	4.4	4.2	0.0	0.2
3563	Air & gas compressors	5.2	5.2	5.5	0.0	-0.3
3567	Industrial furnaces & ovens	4.1	4.0	4.0	0.1	0.1
	Other general industrial machinery	11.9	11.9	11.9	0.0	0.0

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(cont.)
Industry Detail
(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Oct. 1979	Sept. 1979	Oct. 1978	Sept. 1979	Oct. 1978
357	Office and computing machines	11.6	11.5	11.7	0.1	-0.1
358	Refrigeration & service industry machinery	11.4	11.3	12.0	0.1	-0.6
359	Misc. machinery, exc. electrical	13.7	13.8	13.0	-0.1	0.7
36	Electric & electronic equipment	128.3	129.1	126.1	-0.8	2.2
361	Electric distributing equipment	18.9	19.1	20.0	-0.2	-1.1
3612	Transformers	6.3	6.4	6.5	-0.1	-0.2
3613	Switchgear & switchboard apparatus	12.6	12.7	13.5	-0.1	-0.9
362	Electrical industrial apparatus	23.3	23.3	23.9	0.0	-0.6
363	Household appliances	4.4	4.6	4.9	-0.2	-0.5
364	Electric lighting & wiring equipment	22.9	23.3	22.2	-0.4	0.7
3643	Current-carrying wiring devices	11.2	11.2	10.7	0.0	0.5
	Other electric light & wiring equipment	11.7	12.1	11.5	-0.4	0.2
366	Communication equipment	9.8	9.6	8.6	0.2	1.2
367	Electronic components & accessories	36.0	36.0	33.8	0.0	2.2
3674	Semiconductors & related devices	11.9	11.9	10.6	0.0	1.3
	Other electronic components & accessories	24.1	24.1	23.2	0.0	0.9
	Other electrical equipment & supplies	13.0	13.2	12.7	-0.2	0.3
37	Transportation equipment	88.9	88.2	81.1	0.7	7.8
371	Motor vehicles & equipment	31.7	31.8	27.3	-0.1	4.4
3714	Motor vehicle parts & accessories	11.4	11.5	11.6	-0.1	-0.2
	Other motor vehicles & equipment	20.3	20.3	15.7	0.0	4.6
372	Aircraft & parts	12.0	11.7	11.2	0.3	0.8
373	Ship & boat building & repairing	8.5	8.4	7.3	0.1	1.2
374	Railroad equipment	24.2	23.9	22.7	0.3	1.5
	Other transportation equipment	12.5	12.4	12.6	0.1	-0.1
38	Instruments & related products	39.4	39.4	37.3	0.0	2.1
382	Measuring & controlling devices	21.1	21.2	19.4	-0.1	1.7
384	Medical instruments & supplies	11.2	11.2	10.8	0.0	0.4
	Other instruments & related products	7.1	7.0	7.1	0.1	0.0
39	Miscellaneous manufacturing industries	26.9	26.8	27.6	0.1	-0.7
	TOTAL NONDURABLE GOODS	524.2	526.8	539.8	-2.6	-15.6
20	Food & kindred products	98.9	98.9	99.3	0.0	-0.4
201	Meat products	15.4	15.4	15.0	0.0	0.4
2011	Meat packing plants	4.9	4.9	4.9	0.0	0.0
2013	Sausages & other prepared meats	5.5	5.5	5.4	0.0	0.1
2016,7	Poultry dressing & processing	5.0	5.0	4.7	0.0	0.3
202	Dairy products	11.2	11.7	11.7	-0.5	-0.5
2026	Fluid milk	6.6	6.8	6.9	-0.2	-0.3
	Other dairy products	4.6	4.9	4.8	-0.3	-0.2
203	Preserved fruits & vegetables	15.0	14.7	14.1	0.3	0.9
2033	Canned fruits & vegetables	7.1	6.1	6.8	1.0	0.3
	Other preserved fruits & vegetables	7.9	8.6	7.3	-0.7	0.6
204	Grain mill products	4.2	4.2	4.6	0.0	-0.4
205	Bakery products	19.8	19.3	20.4	0.5	-0.6
2051	Bread, cake & related products	15.0	14.9	15.6	0.1	-0.6
2052	Cookies & crackers	4.8	4.4	4.8	0.4	0.0
206	Sugar & confectionery products	15.4	15.6	15.6	-0.2	-0.2
2065	Confectionery products	6.4	6.6	6.3	-0.2	0.1
2066	Chocolate & cocoa products	6.5	6.5	6.2	0.0	0.3
	Other sugar products	2.5	2.5	3.1	0.0	-0.6
208	Beverages	9.4	9.5	9.6	-0.1	-0.2
	Other food & kindred products	8.5	8.5	8.3	0.0	0.2
21	Tobacco manufacturers	3.5	3.6	4.2	-0.1	-0.7
22	Textile mill products	48.2	48.4	51.2	-0.2	-3.0
222	Weaving mills, synthetics	4.3	4.2	4.5	0.1	-0.2
225	Knitting mills	24.9	25.4	26.9	-0.5	-2.0
2253	Knit outerwear mills	13.7	13.8	15.0	-0.1	-1.3
2254	Knit underwear mills	4.6	4.8	4.9	-0.2	-0.3
	Other knitting mills	6.6	6.8	7.0	-0.2	-0.4
227	Floor covering mills	4.0	3.9	4.1	0.1	-0.1
228	Yarn & thread mills	4.8	4.8	5.2	0.0	-0.4
	Other textile mill products	10.2	10.1	10.5	0.1	-0.3

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(concl.)

Industry Detail

(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Oct. 1979	Sept. 1979	Oct. 1978	Sept. 1979	Oct. 1978
23	Apparel & other textile products	122.0	123.2	133.3	-1.2	-11.3
231	Mens & boys suits & coats	14.4	15.0	16.9	-0.6	-2.5
232	Mens & boys furnishings	24.1	24.3	25.2	-0.2	-1.1
2321	Mens & boys shirts & nightwear	9.4	9.6	9.8	-0.2	-0.4
2327	Mens & boys separate trousers	5.8	5.7	6.0	0.1	-0.2
	Other furnishings and work clothing	8.9	9.0	9.4	-0.1	-0.5
233	Womens & misses outerwear	54.5	54.7	60.5	-0.2	-6.0
234	Women & childrens undergarments	10.4	10.4	10.6	0.0	-0.2
236	Childrens outerwear	6.7	6.6	7.6	0.1	-0.9
	Other apparel & textile products	11.9	12.2	12.5	-0.3	-0.6
26	Paper & allied products	44.8	45.6	45.7	-0.8	-0.9
262	Paper mills exc. building paper	11.3	11.7	11.6	-0.4	-0.3
265	Paper board containers & boxes	16.3	16.5	16.7	-0.2	-0.4
2653	Corrugated & solid fiber boxes	8.4	8.3	8.4	0.1	0.0
	Other paperboard containers	7.9	8.2	8.3	-0.3	-0.4
	Other paper & allied products	17.2	17.4	17.4	-0.2	-0.2
27	Printing & publishing	70.7	70.8	69.6	-0.1	1.1
271	Newspapers	25.5	25.4	25.0	0.1	0.5
273	Books	8.0	8.2	8.1	-0.2	-0.1
275	Commercial printing	20.0	19.9	19.8	0.1	0.2
2752	Lithographing	10.2	10.1	10.0	0.1	0.2
	Other commercial printing	9.8	9.8	9.8	0.0	0.0
276	Manifold business forms	3.8	3.8	3.6	0.0	0.2
	Other printing & publishing	13.4	13.5	13.1	-0.1	0.3
28	Chemicals & allied products	61.4	61.5	60.3	-0.1	1.1
281	Industrial inorganic chemicals	11.2	11.2	10.6	0.0	0.6
282	Plastic materials & synthetics	8.5	8.5	8.6	0.0	-0.1
283	Drugs	17.6	17.6	17.0	0.0	0.6
284	Soap, cleaners & toliet goods	3.1	3.1	3.3	0.0	-0.2
285	Paints & allied products	4.3	4.4	4.3	-0.1	0.0
	Other chemical & allied products	16.7	16.7	16.5	0.0	0.2
29	Petroleum & coal products	17.1	17.4	17.1	-0.3	0.0
291	Petroleum refining	13.3	13.5	13.2	-0.2	0.1
	Other petroleum & coal products	3.8	3.9	3.9	-0.1	-0.1
30	Rubber & misc. plastic products	40.9	40.7	40.8	0.2	0.1
301	Tires & inner tubes	7.9	7.9	7.9	0.0	0.0
306	Fabricated rubber products	5.6	5.7	5.2	-0.1	0.4
	Other rubber & plastic products, n.e.c.	27.4	27.1	27.7	0.3	-0.3
31	Leather & leather products	16.7	16.7	18.3	0.0	-1.6
314	Footwear, exc. rubber	12.6	12.7	14.3	-0.1	-1.7
3143	Mens footwear, exc. athletic	4.4	4.4	5.4	0.0	-1.0
3144	Womens footwear, exc. athletic	4.3	4.4	5.0	-0.1	-0.7
	Other footwear	3.9	3.9	3.9	0.0	0.0
	Other leather & leather products	4.1	4.0	4.0	0.1	0.1

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Oct. 1979	Sept. 1979	Oct. 1978	Oct. 1979	Sept. 1979	Oct. 1978	Oct. 1979	Sept. 1979	Oct. 1978
TOTAL MANUFACTURING INDUSTRIES	$284.17	$285.51	$262.10	39.8	40.1	40.2	$7.14	$7.12	$6.52
TOTAL DURABLE GOODS	323.05	323.42	297.86	41.1	41.2	41.6	7.86	7.85	7.16
Lumber & wood products	202.54	206.44	197.88	39.1	39.7	40.8	5.18	5.20	4.85
Millwork, plywood & structural	208.83	211.97	210.63	38.6	39.4	41.3	5.41	5.38	5.10
Other lumber & wood products	199.36	203.38	191.57	39.4	39.8	40.5	5.06	5.11	4.73
Furniture & fixtures	225.42	230.04	213.05	39.0	39.8	39.6	5.78	5.78	5.38
Household furniture	200.59	205.40	192.67	38.5	39.5	39.4	5.21	5.20	4.89
Office furniture	242.06	243.71	227.75	38.3	38.5	39.2	6.32	6.33	5.81
Other furniture & fixtures	257.18	265.63	235.57	40.5	41.7	40.2	6.35	6.37	5.86
Stone, clay & glass products	311.16	312.34	279.23	42.8	43.2	42.5	7.27	7.23	6.57
Glass & glassware, pressed or blown	284.21	286.82	263.16	40.2	40.8	40.3	7.07	7.03	6.53
Glass containers	302.99	305.12	287.46	41.0	41.4	41.6	7.39	7.37	6.91
Other pressed or blown glass	261.46	266.26	236.51	39.2	40.1	38.9	6.67	6.64	6.08
Hydraulic cement	383.50	400.20	363.69	39.7	41.3	41.9	9.66	9.69	8.68
Structural clay products	271.75	269.10	248.88	41.3	41.4	40.6	6.58	6.50	6.13
Pottery & related products	274.55	270.73	270.02	42.5	42.5	46.0	6.46	6.37	5.87
Concrete, gypsum & plaster prods.	290.36	302.39	271.12	42.7	44.6	44.3	6.80	6.78	6.12
Other stone, clay & glass prods.	362.07	355.12	297.84	46.9	46.3	43.8	7.72	7.67	6.80
Primary metal industries	398.37	407.12	365.20	40.9	41.5	41.5	9.74	9.81	8.80
Blast furnace & basic steel prods.	426.30	439.25	391.35	40.6	41.4	41.5	10.50	10.61	9.43
Blast furnaces & steel mills	432.28	445.78	394.70	40.4	41.2	41.2	10.70	10.82	9.58
Other basic steel products	373.68	373.23	355.81	43.3	43.5	44.7	8.63	8.58	7.96
Iron & steel foundries	307.20	302.40	281.10	40.0	40.0	40.1	7.68	7.56	7.01
Gray iron foundries	302.88	303.14	282.22	40.6	40.8	41.2	7.46	7.43	6.85
Steel foundries, n.e.c.	312.05	291.47	276.99	39.5	38.2	38.1	7.90	7.63	7.27
Malleable iron & steel invest.	306.48	315.65	284.96	39.7	41.1	41.6	7.72	7.68	6.85
Nonferrous rolling & drawing	327.33	324.85	304.50	42.4	42.8	43.5	7.72	7.59	7.00
Nonferrous foundries	314.26	296.78	263.54	44.2	43.2	41.7	7.11	6.87	6.32
Other primary metal products	318.78	320.25	290.50	42.0	42.7	41.5	7.59	7.50	7.00
Fabricated metal prods., incl. ordn.	292.25	286.80	273.36	40.2	40.0	40.8	7.27	7.17	6.70
Metal cans & shipping containers	311.22	313.22	331.22	39.0	39.3	44.4	7.98	7.97	7.46
Cutlery, hand tools & hardware	236.73	229.96	212.22	39.0	38.2	38.1	6.07	6.02	5.57
Plumbing & heating exc. electrical	294.25	295.01	261.38	43.4	43.9	42.5	6.78	6.72	6.15
Fabricated structural metal prods.	289.46	285.60	261.62	41.0	40.8	41.2	7.06	7.00	6.35
Fabricated struct. metal	273.48	269.97	297.60	34.1	34.7	40.0	8.02	7.78	7.44
Fab. plate work (boiler shops)	320.23	318.52	270.51	44.6	44.3	42.6	7.18	7.19	6.35
Other fab. struct. metal prods.	279.46	273.65	237.80	42.6	42.1	41.0	6.56	6.50	5.80
Screw machine products, bolts, etc.	279.89	271.75	254.81	40.8	40.2	40.9	6.86	6.76	6.23
Metal forgings & stampings	347.31	329.34	349.42	39.2	38.7	42.2	8.86	8.51	8.28
Iron & steel forgings	300.89	297.48	316.96	39.8	40.2	43.9	7.56	7.40	7.22
Other metal forgings & stampings	362.70	340.61	360.67	39.0	38.1	41.6	9.30	8.94	8.67
Metal services & ordnance, n.e.c.	265.84	270.47	246.98	39.5	39.6	39.9	6.73	6.83	6.19
Misc. fabricated metal products	274.69	274.69	249.46	40.1	40.1	39.1	6.85	6.85	6.38
Valves & pipe fittings	284.78	278.99	246.27	40.8	40.2	38.3	6.98	6.94	6.43
Other misc. fab. metal products	267.70	272.28	251.46	39.6	40.1	39.6	6.76	6.79	6.35
Machinery, exc. electrical	320.97	318.33	297.08	42.4	42.5	42.5	7.57	7.49	6.99
Engines & turbines	252.96	239.09	308.28	34.7	34.6	42.0	7.29	6.91	7.34
Farm & garden machinery	404.02	367.88	351.71	47.7	46.1	46.4	8.47	7.98	7.58
Construction & related machinery	328.00	331.61	316.83	41.0	41.4	42.7	8.00	8.01	7.42
Construction machinery	329.26	349.87	333.33	40.4	41.8	42.9	8.15	8.37	7.77
Conveyors & conveying equipment	261.20	237.25	260.41	40.0	37.9	41.4	6.53	6.26	6.29
Other constr. & related mach.	336.94	328.64	311.28	41.7	41.6	42.7	8.08	7.90	7.29
Metal working machinery	312.82	311.92	298.39	39.9	40.3	41.1	7.84	7.74	7.26
Special industry machinery	310.75	310.79	263.90	41.6	42.4	40.6	7.47	7.33	6.50
General industrial machinery	341.86	337.49	297.98	45.4	45.3	43.5	7.53	7.45	6.85
Pumps & pumping equipment	323.60	326.32	291.02	42.3	42.6	43.5	7.65	7.66	6.69
Ball & roller bearings	341.60	351.17	319.29	46.1	47.2	43.5	7.41	7.44	7.34
Air & gas compressors	378.18	354.75	322.70	49.5	47.3	46.7	7.64	7.50	6.91
Industrial furnaces & ovens	299.60	300.64	281.39	40.0	40.3	39.8	7.49	7.46	7.07
Other general industrial mach.	344.12	337.44	288.38	45.7	45.6	43.3	7.53	7.40	6.66
Office and computing machines	357.50	356.59	329.87	45.6	45.6	44.1	7.84	7.82	7.48
Refrigeration & serv. ind. mach.	271.13	266.27	244.26	42.9	41.8	41.4	6.32	6.37	5.90
Misc. machinery, exc. electrical	315.38	310.31	285.29	43.5	43.4	42.9	7.25	7.15	6.65

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(cont.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Oct. 1979	Sept. 1979	Oct. 1978	Oct. 1979	Sept. 1979	Oct. 1978	Oct. 1979	Sept. 1979	Oct. 1978
Electrical & electronic equipment	$272.56	$271.62	$259.78	40.2	40.3	41.3	$6.78	$6.74	$6.29
Electric distributing equipment	316.23	311.54	310.28	41.5	41.1	42.1	7.62	7.58	7.37
Transformers	299.88	301.17	311.43	40.8	41.2	44.3	7.35	7.31	7.03
Switchgear & switchbrd apparatus	323.95	317.29	309.20	41.8	41.1	40.9	7.75	7.72	7.56
Electrical industrial apparatus	265.30	270.47	273.49	38.9	39.6	41.5	6.82	6.83	6.59
Household appliances	239.42	246.74	239.94	34.4	35.4	38.7	6.96	6.97	6.20
Electric lighting & wiring equip.	266.88	262.67	240.31	41.7	41.3	40.8	6.40	6.36	5.89
Current-carrying wiring devices	281.16	284.10	241.72	44.0	44.6	40.9	6.39	6.37	5.91
Other elect lght & wirng equip.	257.68	249.95	239.90	40.2	39.3	40.8	6.41	6.36	5.88
Communication equipment	311.26	311.65	281.82	39.6	39.6	42.7	7.86	7.87	6.60
Electronic components & access.	270.85	269.51	239.72	41.1	41.4	40.7	6.59	6.51	5.89
Semiconductors & related devices	368.63	365.03	306.60	44.2	44.3	42.0	8.34	8.24	7.30
Other electronic comp.& access.	224.70	224.00	205.71	39.7	40.0	40.1	5.66	5.60	5.13
Other electrical equip. & supplies	235.98	233.93	235.76	38.0	38.1	42.1	6.21	6.14	5.60
Transportation equipment	356.14	350.26	326.98	41.8	41.5	42.3	8.52	8.44	7.73
Motor vehicles & equipment	370.24	359.79	358.05	41.6	40.7	43.4	8.90	8.84	8.25
Motor vehicle parts & access.	371.74	354.03	363.41	42.1	40.6	44.7	8.83	8.72	8.13
Other motor vehicles & equip.	368.33	363.94	354.05	41.2	40.8	42.3	8.94	8.92	8.37
Aircraft & parts	349.03	338.58	398.33	41.9	41.8	40.7	8.33	8.10	7.33
Ship & boat building & repairing	351.35	352.80	298.98	43.7	44.1	40.9	8.04	8.00	7.31
Railroad equipment	360.19	359.48	318.00	39.8	40.3	40.0	9.05	8.92	7.95
Other transportation equipment	310.04	299.93	301.41	46.0	44.5	46.3	6.74	6.74	6.51
Instruments & related products	269.21	270.03	247.64	41.1	41.1	41.0	6.55	6.57	6.04
Measuring & controlling devices	293.94	297.56	258.54	42.6	43.0	41.3	6.90	6.92	6.26
Medical instruments & supplies	233.63	226.00	237.74	39.2	38.5	40.5	5.96	5.87	5.87
Other instruments & related prods.	251.30	255.17	231.34	39.7	39.5	40.8	6.33	6.46	5.67
Misc. manufacturing industries	263.57	258.08	239.13	40.8	40.2	41.3	6.46	6.42	5.79
TOTAL NONDURABLE GOODS	223.99	225.00	209.34	37.9	38.2	38.2	5.91	5.89	5.48
Food & kindred products	248.77	256.14	246.22	39.3	40.4	40.9	6.33	6.34	6.02
Meat products	271.32	276.22	243.36	42.0	42.3	40.9	6.46	6.53	5.95
Meat packing plants	305.53	311.44	283.72	41.4	42.2	42.6	7.38	7.38	6.66
Sausages & other prepared meats	289.86	299.91	254.55	38.7	39.0	37.6	7.49	7.69	6.77
Poultry dressing & processing	222.98	222.04	180.52	45.6	45.5	39.5	4.89	4.88	4.57
Dairy products	277.47	283.82	257.29	41.6	43.2	41.1	6.67	6.57	6.26
Fluid milk	279.89	280.98	254.18	41.1	42.0	41.6	6.81	6.69	6.11
Other dairy products	274.86	285.56	259.67	41.9	44.0	40.7	6.56	6.49	6.38
Preserved fruits & vegetables	206.65	215.90	202.79	37.1	38.9	39.3	5.57	5.55	5.16
Canned fruits & vegetables	181.79	199.36	168.68	37.1	39.4	38.6	4.90	5.06	4.37
Other preserved fruits & vegs.	230.88	228.51	234.80	37.0	38.6	40.0	6.24	5.92	5.87
Grain mill products	268.46	272.83	273.79	40.8	41.4	41.8	6.58	6.59	6.55
Bakery products	240.91	251.69	252.51	39.3	40.4	41.6	6.13	6.23	6.07
Bread, cake & related products	243.28	253.37	233.84	38.8	39.9	39.5	6.27	6.35	5.92
Cookies & crackers	236.52	247.94	298.75	40.5	41.6	46.9	5.84	5.96	6.37
Sugar & confectionery products	243.09	241.15	248.25	37.0	37.1	40.3	6.57	6.50	6.16
Confectionery products	196.08	200.68	205.28	34.1	34.6	39.1	5.75	5.80	5.25
Chocolate & cocoa products	271.72	274.19	257.58	39.9	40.5	40.5	6.81	6.77	6.36
Other sugar products	307.93	281.22	308.90	38.3	36.1	42.2	8.04	7.79	7.32
Beverages	301.09	324.34	319.97	38.7	41.2	41.5	7.78	7.87	7.71
Other food & kindred products	230.11	230.74	216.01	40.8	41.8	41.7	5.64	5.52	5.18
Tobacco manufacturers	160.51	159.71	144.60	38.4	38.3	39.4	4.18	4.17	3.67
Textile mill products	185.37	181.93	169.73	38.7	38.3	38.4	4.79	4.75	4.42
Weaving mills, synthetics	223.78	213.96	182.78	45.3	43.4	40.8	4.94	4.93	4.48
Knitting mills	169.92	166.53	156.46	37.1	36.6	36.9	4.58	4.55	4.24
Knit outerwear mills	170.25	167.32	150.23	37.5	37.1	35.6	4.54	4.51	4.22
Knit underwear mills	146.26	140.15	145.92	35.5	34.1	38.2	4.12	4.11	3.82
Other knitting mills	187.13	183.52	178.62	37.5	37.3	39.0	4.99	4.92	4.58
Floor covering mills	232.26	228.28	240.90	39.5	39.7	43.8	5.88	5.75	5.50
Yarn & thread mills	170.05	172.33	151.88	38.3	38.9	37.5	4.44	4.43	4.05
Other textile mill products	200.49	198.30	187.27	39.7	39.9	40.1	5.05	4.97	4.67

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

(concl.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Oct. 1979	Sept. 1979	Oct. 1978	Oct. 1979	Sept. 1979	Oct. 1978	Oct. 1979	Sept. 1979	Oct. 1978
Apparel & other textile products	$148.98	$146.17	$140.86	32.6	32.7	33.3	$4.57	$4.47	$4.23
Mens & boys suits & coats	191.18	185.85	191.14	34.2	35.0	36.9	5.59	5.31	5.18
Mens & boys furnishings	156.60	153.28	141.51	36.0	35.4	34.6	4.38	4.33	4.09
Mens & boys shirts & nightwear	153.56	154.34	143.02	35.3	35.4	35.4	4.35	4.36	4.04
Mens & boys separate trousers	170.19	155.50	151.39	33.7	31.1	33.2	5.05	5.00	4.56
Other furnishings & wrk. clothing	150.89	150.88	132.94	38.2	38.1	34.8	3.95	3.96	3.82
Womens & misses outerwear	141.94	137.86	132.49	30.2	30.1	31.1	4.70	4.58	4.26
Women & chilirens undergarments	129.28	137.16	131.76	34.2	36.0	36.0	3.78	3.81	3.66
Childrens outerwear	129.48	126.27	126.07	31.2	31.1	33.8	4.15	4.06	3.73
Other apparel & textile products	142.61	139.19	130.03	34.2	34.2	33.6	4.17	4.07	3.87
Paper & allied products	293.47	296.31	277.76	44.6	45.1	44.8	6.58	6.57	6.20
Paper mills exc. building paper	392.30	384.94	346.51	47.9	47.7	46.7	8.19	8.07	7.42
Paper board containers & boxes	268.38	276.96	257.40	41.1	41.9	42.9	6.53	6.61	6.00
Corrugated & solid fiber boxes	280.99	291.31	275.20	39.8	40.8	42.6	7.06	7.14	6.46
Other paperboard containers	255.43	262.12	239.64	42.5	42.9	43.1	6.01	6.11	5.56
Other paper & allied products	267.04	268.16	259.12	46.2	46.8	45.7	5.78	5.73	5.67
Printing & publishing	267.14	268.93	248.66	37.0	37.3	36.3	7.22	7.21	6.85
Newspapers	283.52	283.32	254.17	34.2	34.3	33.4	8.29	8.26	7.61
Books	214.72	217.87	194.10	34.3	35.6	35.1	6.26	6.12	5.53
Commercial printing	279.46	282.80	265.08	38.6	38.9	37.6	7.24	7.27	7.05
Lithographing	277.36	274.51	253.96	38.9	38.5	36.7	7.13	7.13	6.92
Other commercial printing	281.89	290.82	275.71	38.3	39.3	38.4	7.36	7.40	7.18
Manifold business forms	289.27	289.88	276.89	40.8	40.6	41.7	7.09	7.14	6.64
Other printing & publishing	258.32	261.59	245.68	38.1	38.3	37.0	6.78	6.83	6.64
Chemicals & allied products	306.07	301.26	276.81	42.1	41.9	41.5	7.27	7.19	6.67
Industrial inorganic chemicals	336.00	334.06	296.96	45.1	44.9	43.8	7.45	7.44	6.78
Plastic materials & synthetics	308.92	306.75	264.55	41.3	40.9	40.7	7.48	7.50	6.50
Drugs	293.92	294.46	264.92	39.4	39.9	39.6	7.46	7.38	6.69
Soap, cleaners & toliet goods	266.49	258.80	262.70	42.1	40.5	44.3	6.33	6.39	5.93
Paints & allied products	269.00	263.47	261.30	39.5	39.5	40.2	6.81	6.67	6.50
Other chemical & allied products	313.77	303.97	290.34	43.7	43.3	42.2	7.18	7.02	6.88
Petroleum & coal products	401.51	415.23	371.47	43.5	44.6	43.6	9.23	9.31	8.52
Petroleum refining	423.69	435.56	386.33	43.5	44.4	42.5	9.74	9.81	9.09
Other petroleum & coal products	323.95	338.70	328.76	43.6	45.1	47.1	7.43	7.51	6.98
Rubber & misc. plastic products	235.82	239.40	230.01	39.7	39.9	41.0	5.94	6.00	5.61
Tires & inner tubes	371.68	383.11	356.96	44.3	45.5	46.6	8.39	8.42	7.66
Fabricated rubber products	269.03	264.59	252.95	42.3	42.2	42.3	6.36	6.27	5.98
Other rubber & plastic prods.,nec	195.83	198.12	192.96	38.1	38.1	39.3	5.14	5.20	4.91
Leather & leather products	164.67	163.02	145.54	39.3	39.0	38.2	4.19	4.18	3.81
Footwear, exc. rubber	148.90	150.02	131.04	37.6	37.6	36.2	3.96	3.99	3.62
Mens footwear, exc. athletic	165.65	165.65	146.97	40.9	40.7	40.6	4.05	4.07	3.62
Womens footwear, exc. athletic	145.10	147.73	117.57	37.3	37.4	32.3	3.89	3.95	3.64
Other footwear	134.01	134.01	125.65	34.1	34.1	35.0	3.93	3.93	3.59
Other leather & leather products	212.27	204.45	201.04	44.5	43.5	45.9	4.77	4.70	4.38
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	368.64	352.87	306.34	48.0	46.8	40.9	7.68	7.54	7.49
Bituminous coal & lignite mining	362.81	364.22	373.74	33.5	33.6	36.4	10.83	10.84	10.24
Nonmetallic minerals, exc. fuels	332.05	343.62	323.23	45.8	47.2	48.1	7.25	7.28	6.72
Communication	365.56	373.80	326.82	41.4	42.0	40.7	8.83	8.90	8.03
Electric, gas, & sanitary services	411.72	403.19	380.44	45.9	45.1	44.6	8.97	8.94	8.53
Electric services	424.72	413.19	379.40	48.1	46.9	46.1	8.83	8.81	8.23
Gas production & distribution	345.66	340.85	333.41	43.1	42.5	42.8	8.02	8.02	7.79
General merchandise stores	130.00	128.98	117.72	27.6	27.5	27.0	4.71	4.69	4.36
Banking	173.63	170.66	155.07	INA	INA	INA	INA	INA	INA
Insurance carriers	209.57	206.02	195.85	INA	INA	INA	INA	INA	INA
Life insurance	198.52	192.57	184.91	INA	INA	INA	INA	INA	INA
Fire, marine & casualty ins.	213.22	208.24	197.78	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$154.42	39.8	$3.88	$172.61	41.0	$4.21	$130.60	38.3	$3.41	$191.83	40.3	$4.76
1973	167.23	40.2	4.16	187.17	41.5	4.51	139.03	38.3	3.63	212.38	41.4	5.13
1974	180.97	39.6	4.57	203.45	41.1	4.95	146.59	37.3	3.93	239.61	41.1	5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1978 Oct	262.10	40.2	6.52	297.86	41.6	7.16	209.34	38.2	5.48	365.20	41.5	8.80
Nov	270.50	40.8	6.63	307.22	42.2	7.28	213.84	38.6	5.54	381.38	42.9	8.89
Dec	270.95	40.5	6.69	306.08	41.7	7.34	216.55	38.6	5.61	368.87	41.4	8.91
1979 Jan	269.20	40.0	6.73	305.95	41.4	7.39	212.81	37.8	5.63	373.92	41.5	9.01
Feb	271.32	39.9	6.80	308.92	41.3	7.48	212.06	37.6	5.64	384.14	41.8	9.19
Mar	274.44	40.3	6.81	313.50	41.8	7.50	215.65	38.1	5.66	387.74	42.1	9.21
Apr	265.30	38.9	6.82	301.50	40.2	7.50	209.59	36.9	5.68	396.68	42.2	9.40
May	273.14	39.7	6.88	311.54	41.1	7.58	215.27	37.7	5.71	387.39	41.3	9.38
Jun	278.29	40.1	6.94	316.30	41.4	7.64	218.12	38.0	5.74	397.00	42.1	9.43
Jul	277.31	39.9	6.95	313.65	41.0	7.65	321.37	38.3	5.78	397.00	42.1	9.43
Aug	279.49	39.7	7.04	317.79	40.9	7.77	221.92	38.0	5.84	399.75	41.0	9.75
Sep	285.51	40.1	7.12	323.42	41.2	7.85	225.00	38.2	4.89	407.12	41.5	9.81
Oct	284.17	39.8	7.14	323.01	41.1	7.86	223.99	37.9	5.91	398.37	40.9	9.74

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$168.47	41.7	$4.04	$183.17	42.4	$4.32	$161.57	40.8	$3.96	$180.59	40.4	$4.47
1973	182.68	41.9	4.36	198.77	43.4	4.58	167.69	40.8	4.11	197.69	41.1	4.81
1974	196.24	41.4	4.74	209.78	42.9	4.89	175.96	39.9	4.41	215.54	40.9	5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1978 Oct	273.36	40.8	6.70	297.08	42.5	6.99	259.78	41.3	6.29	326.98	42.3	7.73
Nov	280.57	41.2	6.81	304.72	43.1	7.07	263.54	41.7	6.32	338.55	42.8	7.91
Dec	285.49	41.8	6.83	309.31	42.9	7.21	264.92	41.2	6.43	348.29	43.7	7.97
1979 Jan	278.94	40.9	6.82	302.74	42.4	7.14	259.84	40.6	6.40	345.06	42.6	8.10
Feb	281.11	40.8	6.89	306.00	42.5	7.20	260.58	40.4	6.45	339.81	41.9	8.11
Mar	287.04	41.3	6.95	310.17	42.9	7.23	264.68	41.1	6.44	341.88	4.20	8.14
Apr	261.23	38.7	6.75	286.63	40.2	7.13	250.63	39.1	6.41	311.65	39.4	7.91
May	288.23	41.0	7.03	303.47	41.8	7.26	261.55	40.3	6.49	333.33	41.0	8.13
Jun	288.36	40.5	7.12	309.33	42.2	7.33	264.31	40.6	6.51	334.15	41.0	8.15
Jul	282.80	40.0	7.07	303.99	41.7	7.29	260.95	39.9	6.54	334.55	40.7	8.22
Aug	283.60	40.0	7.09	312.28	42.2	7.40	256.71	39.8	6.45	341.04	40.6	8.40
Sep	286.80	40.0	7.17	318.33	42.5	7.49	271.62	40.3	6.74	350.26	41.5	8.44
Oct	292.25	40.2	7.27	320.97	42.4	7.57	272.56	40.2	6.78	356.14	41.8	8.52

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$149.48	40.4	$3.70	$113.08	39.4	$2.87	$ 94.24	33.9	$2.78	$170.33	38.8	$4.39
1973	158.36	40.5	3.91	120.43	39.1	3.08	99.71	33.8	2.95	180.81	38.8	4.66
1974	171.68	40.3	4.26	124.74	37.8	3.30	103.02	32.6	3.16	189.52	38.0	4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1978 Oct	246.22	40.9	6.02	169.73	38.4	4.42	140.86	33.3	4.23	248.66	36.3	6.85
Nov	250.69	41.3	6.07	170.37	38.2	4.46	144.33	33.8	4.27	253.31	36.5	6.94
Dec	250.69	41.3	6.07	175.11	39.0	4.49	143.05	33.5	4.27	268.88	37.5	7.17
1979 Jan	243.01	40.1	6.06	174.72	38.4	4.55	140.28	32.7	4.29	254.51	36.1	7.05
Feb	240.34	39.4	6.10	171.00	37.5	4.56	141.57	33.0	4.29	252.74	35.9	7.04
Mar	247.02	40.1	6.16	178.87	38.8	4.61	140.91	33.0	4.27	258.09	36.3	7.11
Apr	242.09	39.3	6.16	173.58	37.9	4.58	137.03	31.5	4.35	245.70	35.1	7.00
May	248.00	40.0	6.20	180.11	38.9	4.63	139.54	32.3	4.32	254.54	35.8	7.11
Jun	248.58	39.9	6.23	182.82	39.4	4.64	143.77	32.9	4.37	256.68	36.0	7.13
Jul	253.49	40.3	6.29	178.31	38.1	4.68	145.25	33.7	4.31	265.27	37.1	7.15
Aug	256.07	40.2	6.37	180.01	38.3	4.70	142.79	32.6	4.38	266.35	37.2	7.16
Sep	256.14	40.4	6.34	181.93	38.3	4.75	146.17	32.7	4.47	268.93	37.3	7.21
Oct	248.77	39.3	6.33	185.37	38.7	4.79	148.98	32.6	4.57	267.14	37.0	7.22

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1968	$119.20	40.0	$2.98	105.6	104.2	$114.40	$ 4.80
1969	127.52	40.1	3.18	112.7	109.8	116.14	11.38
1970	131.71	39.2	3.36	119.1	116.3	113.25	18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Oct. 1979	Sept. 1979	Oct. 1978	Oct. 1979	Sept. 1979	Oct. 1978	Oct. 1979	Sept. 1979	Oct. 1978
MANUFACTURING	994.4	1,000.0	997.5	39,617.6	40,052.3	40,110.6	283,041.2	285,217.9	261,618.3
DURABLE GOODS	608.2	610.8	596.8	24,981.2	25,188.6	24,802.5	196,493.0	197,606.9	177,632.9
NONDUR. GOODS	386.2	389.2	400.7	14,636.4	14,863.7	15,308.1	86,548.2	87,611.0	83,985.4

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Group
(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1972	1,444.0	841.7	24.7	22.5	65.3	210.7	120.5	131.0
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.5	809.3	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,362.1	825.4	21.7	20.3	64.3	199.5	112.3	137.3
1978 Oct.	1,372.1	832.3	22.5	20.8	64.9	199.6	113.2	139.2
Nov.	1,375.3	836.8	22.0	20.7	64.6	200.3	114.0	138.4
Dec.	1,371.2	837.0	21.4	20.9	63.8	201.4	114.5	138.7
1979 Jan.	1,364.3	835.0	20.8	20.7	62.2	201.7	114.5	140.6
Feb.	1,363.4	837.0	20.8	20.8	61.3	202.1	114.8	140.9
Mar.	1,365.4	837.3	21.1	20.3	62.0	201.7	114.6	140.8
Apr.	1,365.5	836.8	21.7	20.2	62.5	201.6	114.9	141.2
May	1,368.4	841.8	21.8	20.0	63.4	202.2	114.6	140.8
Jun.	1,387.3	854.2	22.1	20.4	65.1	206.8	115.4	141.8
Jul.	1,374.3	849.5	21.7	19.7	64.9	206.5	113.5	140.2
Aug.	1,367.8	839.2	22.0	20.5	64.4	206.8	114.2	137.7
Sep.	1,376.5	849.7	21.8	20.8	63.7	204.4	114.6	140.9
Oct.	1,371.7	847.5	21.6	20.7	63.3	202.5	114.9	141.0

Year and Month	Electrical Equipment and Supplies	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1972	133.7	69.0	34.0	30.4	602.3	109.6	7.5	62.9
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.3	37.3	27.8	532.2	98.8	3.6	49.4
1978	124.6	80.6	38.3	26.6	536.7	98.1	4.1	50.6
1978 Oct.	126.1	81.1	37.3	27.6	539.8	99.3	4.2	51.2
Nov.	125.9	84.4	38.8	27.7	538.5	99.9	4.2	51.2
Dec.	126.1	85.1	38.9	26.2	534.2	99.2	4.1	50.5
1979 Jan.	126.6	83.5	39.2	25.2	529.3	96.8	4.1	49.6
Feb.	126.6	84.6	39.5	25.6	526.4	94.1	4.0	49.1
Mar.	126.5	84.6	39.8	25.9	528.1	95.2	4.0	49.3
Apr.	127.4	81.3	39.9	26.1	528.7	95.6	3.9	49.1
May	127.6	85.5	39.9	26.0	526.6	94.6	3.9	49.2
Jun.	128.3	87.2	40.4	26.7	533.1	96.4	3.9	49.2
Jul.	129.3	87.2	40.0	26.5	524.8	96.5	3.8	47.8
Aug.	120.4	86.3	39.3	27.0	528.6	98.6	3.7	48.8
Sep.	129.1	88.2	39.4	26.8	526.8	98.9	3.6	48.4
Oct.	128.3	88.9	39.4	26.9	524.2	98.9	3.5	48.2

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)
Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1972	162.6	66.0	44.9	71.8	59.4	19.8	38.7	25.1
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	133.0	59.8	44.5	70.6	60.0	17.0	39.8	19.0
1978 Oct.	133.3	60.5	45.7	69.6	60.3	17.1	40.8	18.3
Nov.	132.5	60.0	44.7	69.8	60.0	16.9	40.9	18.4
Dec.	128.4	58.4	45.0	71.1	60.5	16.6	40.7	18.1
1979 Jan.	127.6	58.9	44.6	70.8	60.6	16.6	40.5	18.1
Feb.	129.6	59.2	44.1	70.4	60.1	16.5	40.6	17.9
Mar.	128.9	59.4	44.3	70.8	60.8	16.6	40.7	17.5
Apr.	129.3	58.8	44.8	70.8	60.9	16.9	40.4	17.0
May	127.8	57.4	44.3	70.9	61.1	17.1	40.5	17.2
Jun.	128.8	58.5	45.2	71.3	62.1	17.6	41.2	17.4
Jul.	123.6	55.6	45.2	71.0	62.3	17.6	40.9	16.1
Aug.	123.2	54.3	46.1	70.8	62.1	17.7	40.7	16.9
Sep.	123.2	54.7	45.6	70.8	61.5	17.4	40.7	16.7
Oct.	122.0	54.5	44.8	70.7	61.4	17.1	40.9	16.7

TABLE 12. SELECTED PENNSYLVANIA INDICES
(Not Adjusted)
1967 = 100

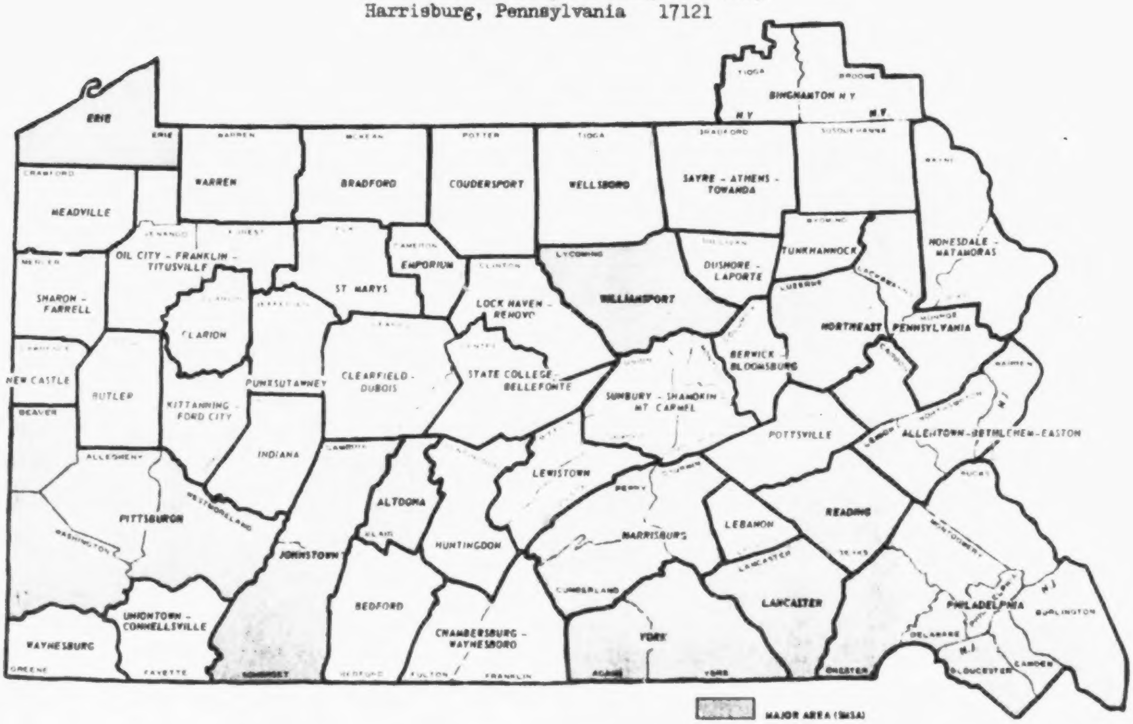
	1979		1978	1977	ANNUAL AVERAGE	
Industry Group	Oct.	Sept.	Oct.	Oct.	1978	1977
EMPLOYMENT						
All Manufacturing	88.1	88.4	88.1	86.5	87.5	86.2
Primary Metals	79.0	79.7	77.9	76.2	77.8	77.9
Apparel	67.9	68.6	74.2	75.1	74.1	74.6
All Nonmanufacturing	128.8	127.2	128.3	125.9	126.7	123.5
Construction	112.1	112.2	118.1	113.1	107.6	101.3
Retail Trade	129.4	127.7	131.8	128.2	129.3	124.8
Services	152.5	149.9	147.9	143.1	144.9	140.8
Government	122.4	119.9	122.3	125.6	126.6	125.4

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to:

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building-Room 1225
Harrisburg, Pennsylvania 17121


ERIE
BINGHAMTON N Y
MEADVILLE
WARREN
BRADFORD
COUDERSPORT
WELLSBORO
SAYRE - ATHENS - TOWANDA
HONESDALE - MATAMORAS
TUNKHANNOCK
DUSHORE - LAPORTE
OIL CITY - FRANKLIN - TITUSVILLE
EMPORIUM
ST MARYS
LOCK HAVEN - RENOVO
WILLIAMSPORT
SHARON - FARRELL
CLARION
NORTHEAST PENNSYLVANIA
BERWICK - BLOOMSBURG
NEW CASTLE
BUTLER
KITTANNING - FORD CITY
PUNXSUTAWNEY
CLEARFIELD - DUBOIS
STATE COLLEGE - BELLEFONTE
SUNBURY - SHAMOKIN - MT CARMEL
POTTSVILLE
ALLENTOWN-BETHLEHEM-EASTON
INDIANA
LEWISTOWN
PITTSBURGH
ALTOONA
JOHNSTOWN
HUNTINGDON
HARRISBURG
LEBANON
READING
UNIONTOWN - CONNELLSVILLE
WAYNESBURG
BEDFORD
CHAMBERSBURG - WAYNESBORO
YORK
LANCASTER
PHILADELPHIA
N J
MAJOR AREA (SMSA)

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN - BETHLEHEM - EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES
MAJOR LABOR MARKET AREAS
(Per 100 Employees)

SEPTEMBER

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Sep. 1979	Aug. 1979	Sep. 1978	Sep. 1979	Aug. 1979	Sep. 1978	Sep. 1979	Aug. 1979	Sep. 1978
PENNSYLVANIA	1,376.5	3.1	3.5	3.2	2.1	2.2	2.3	0.8	1.0	0.7
ALLENTOWN-BETHLEHEM-EASTON	110.3	2.6	2.9	2.9	1.6	1.6	1.9	0.8	1.1	0.8
ALTOONA	13.2	1.7	1.9	1.9	1.3	1.2	1.0	0.3	0.5	0.7
ERIE	45.6	3.5	4.2	3.4	2.4	2.1	2.6	0.5	1.6	0.6
HARRISBURG	43.2	3.4	4.7	3.1	2.8	4.0	2.5	0.4	0.7	0.3
JOHNSTOWN	20.0	1.8	2.6	3.0	0.8	0.8	1.2	1.0	1.6	1.8
LANCASTER	59.4	3.5	3.6	3.6	3.0	3.2	3.3	0.4	0.3	0.1
NORTHEAST	69.9	3.8	5.3	3.9	1.8	2.2	2.5	1.5	2.8	1.1
SCRANTON	27.8	4.1	5.3	4.0	1.7	2.2	2.6	1.9	3.0	1.3
WILKES-BARRE-HAZLETON	37.3	3.6	3.8	3.4	1.8	1.8	2.0	1.4	1.7	1.0
PHILADELPHIA	455.6	3.3	3.5	3.2	2.5	2.3	2.4	0.6	0.9	0.6
PITTSBURGH	254.8	2.1	2.3	2.2	1.1	1.2	1.2	0.6	0.6	0.7
READING	53.8	3.9	4.9	4.5	2.8	3.0	3.3	0.8	1.8	1.0
WILLIAMSPORT	17.8	1.6	1.6	2.5	0.7	0.7	1.9	0.6	0.8	0.5
YORK	65.6	5.3	5.2	6.3	3.8	3.2	4.7	1.3	1.9	1.5

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Sep. 1979	Aug. 1979	Sep. 1978	Sep. 1979	Aug. 1979	Sep. 1978	Sep. 1979	Aug. 1979	Sep. 1978
PENNSYLVANIA	1,376.5	3.5	4.2	3.4	1.6	2.3	1.9	1.2	1.2	0.8
ALLENTOWN-BETHLEHEM-EASTON	110.3	2.6	3.4	3.1	1.1	1.7	1.7	1.0	1.0	0.7
ALTOONA	13.2	2.4	3.5	2.7	1.1	1.4	1.2	1.0	1.8	1.1
ERIE	45.6	3.1	3.6	3.7	1.5	1.8	1.6	0.6	0.9	1.3
HARRISBURG	43.2	3.5	5.1	3.9	2.3	3.4	2.5	0.7	1.0	0.8
JOHNSTOWN	20.0	5.7	3.0	4.0	0.7	1.2	1.2	4.2	1.0	2.2
LANCASTER	59.4	4.1	5.6	4.3	2.4	3.9	3.0	0.9	1.1	0.5
NORTHEAST	69.9	4.0	6.0	4.1	1.5	2.3	1.9	1.9	3.0	1.5
SCRANTON	27.8	3.6	3.8	4.5	1.3	2.0	1.7	1.9	1.4	2.1
WILKES-BARRE-HAZLETON	37.3	4.1	6.2	3.6	1.6	2.1	1.8	2.1	3.5	0.9
PHILADELPHIA	455.6	3.5	4.2	3.5	1.8	2.2	1.8	0.8	1.0	0.9
PITTSBURGH	254.8	3.4	3.7	2.4	1.2	1.7	1.1	1.4	1.1	0.7
READING	53.8	3.2	4.2	3.4	1.9	2.7	2.2	0.6	0.8	0.4
WILLIAMSPORT	17.8	3.5	3.0	3.8	0.7	1.2	1.8	2.4	1.3	1.5
YORK	65.6	3.7	4.6	4.3	2.4	3.4	3.2	0.7	0.6	0.5

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Oct. 1979	Sept. 1979	Oct. 1978	Oct. 1979	Sept. 1979	Oct. 1978	Oct. 1979	Sept. 1979	Oct. 1978
PENNSYLVANIA	$284.17	$285.51	$262.10	39.8	40.1	40.2	$7.14	$7.12	$6.52
ALLENTOWN-BETHLEHEM-EASTON	289.09	287.54	258.34	38.7	38.7	38.5	7.47	7.43	6.71
ALTOONA	239.90	246.76	211.69	39.2	39.8	37.6	6.12	6.20	5.63
ERIE	296.90	295.53	270.90	41.7	41.8	42.0	7.12	7.07	6.45
HARRISBURG	276.89	273.97	239.40	41.7	41.7	40.1	6.64	6.57	5.97
JOHNSTOWN	304.51	296.73	279.70	38.4	37.8	39.9	7.93	7.85	7.01
LANCASTER	252.77	250.51	231.49	41.1	40.8	40.4	6.15	6.14	5.73
NORTHEAST	204.03	203.86	187.08	37.3	37.2	36.9	5.47	5.48	5.07
SCRANTON	209.37	209.91	198.90	38.7	38.8	39.0	5.41	5.41	5.10
WILKES-BARRE-HAZLETON	191.75	197.97	177.41	34.8	35.8	35.2	5.51	5.53	5.04
PHILADELPHIA	286.22	285.73	269.47	40.2	40.3	40.4	7.12	7.09	6.67
PITTSBURGH	346.12	355.88	321.12	40.2	41.0	40.7	8.61	8.68	7.89
READING	260.63	255.03	230.29	38.9	38.7	38.9	6.70	6.59	5.92
WILLIAMSPORT	259.25	255.42	234.21	39.4	39.6	39.9	6.58	6.45	5.87
YORK	259.38	265.02	244.70	41.5	42.0	41.9	6.25	6.31	5.84

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT
MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	Oct. 1979		Sept. 1979		Oct. 1978	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	5.6	6.0	5.6	5.8	5.4	5.8
PENNSYLVANIA	7.9	8.3	6.7	7.1	6.9	7.3
ALLENTOWN-BETH-EASTON	7.5	8.1	5.9	6.3	5.7	6.1
ALTOONA	9.9	10.7	8.9	9.4	8.3	8.9
ERIE	8.2	9.0	6.8	7.4	7.1	7.9
HARRISBURG	5.9	6.3	5.0	5.2	4.9	5.3
JOHNSTOWN	9.9	10.6	8.4	8.2	8.7	9.2
LANCASTER	5.4	6.2	4.8	5.3	4.3	5.0
NORTHEAST	9.8	10.7	8.5	9.1	8.8	9.7
SCRANTON	9.2	10.2	7.8	8.4	8.3	9.2
W BARRE-HAZLETON	10.2	10.8	9.2	9.6	9.2	9.8
PHILADELPHIA	7.6	7.6	6.9	6.9	7.5	7.5
PITTSBURGH	6.8	7.3	5.7	6.1	6.0	6.3
POTTSVILLE	10.6	-	9.5	-	7.7	-
READING	6.3	7.1	5.3	5.9	4.8	5.5
UNIONTOWN-CONNELLSVLE	11.6	-	8.2	-	7.5	-
WILLIAMSPORT	11.6	12.9	9.4	10.8	7.8	8.5
YORK	6.0	7.1	4.7	5.2	4.4	5.2

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Oct. 1979	Sept. 1979	Oct. 1978	Oct. 1979	Sept. 1979	Oct. 1978	Oct. 1979	Sept. 1979	Oct. 1978
UNITED STATES	103,939.0	103,373.0	101,555.0	98,158.0	97,576.0	96,095.0	5,781.0	5,798.0	5,460.0
PENNSYLVANIA	5,364.0	5,301.0	5,325.0	4,938.0	4,944.0	4,955.0	426.0	357.0	369.0
ALLENTOWN-BETH-EASTON	301.7	297.1	296.8	278.9	279.5	280.0	22.8	17.6	16.9
ALTOONA	59.7	58.9	57.0	53.8	53.7	52.3	5.9	5.2	4.7
ERIE	127.4	126.7	126.0	116.9	118.1	117.0	10.5	8.6	9.0
HARRISBURG	216.3	216.0	216.4	203.5	205.2	205.8	12.7	10.8	10.6
JOHNSTOWN	110.5	108.8	106.4	99.5	99.6	97.2	11.0	9.1	9.2
LANCASTER	176.7	176.2	173.8	167.1	167.8	166.4	9.6	8.4	7.5
NORTHEAST	284.5	280.0	283.0	256.6	256.3	258.0	27.9	23.7	25.0
SCRANTON	104.4	102.7	104.0	94.9	94.7	95.4	9.6	8.0	8.7
W BARRE-HAZLETON	153.9	151.9	153.1	138.2	138.0	138.9	15.7	13.9	14.2
PHILADELPHIA	2,135.6	2,110.3	2,113.4	1,972.7	1,963.7	1,954.0	162.9	146.6	159.4
PITTSBURGH	1,015.3	1,011.4	998.8	945.8	953.7	939.3	69.4	57.7	59.4
POTTSVILLE	65.8	65.6	67.9	58.8	59.3	62.6	7.0	6.2	5.2
READING	155.4	153.4	148.7	145.6	145.2	141.5	9.8	8.2	7.2
UNIONTOWN-CONNELLSVLE	59.2	57.6	60.0	52.3	52.9	55.6	6.8	4.7	4.5
WILLIAMSPORT	55.7	54.8	54.0	49.2	49.7	49.8	6.5	5.2	4.2
YORK	170.3	169.9	168.5	160.0	161.8	161.0	10.3	8.0	7.4

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

STATE and AREA data include persons involved in labor management disputes, not included in U.S. data.

Area	Nonagricultural Wage and Salary			Private Sector *		
	Oct. 1979	Sept. 1979	Oct. 1978	Oct. 1979	Sept. 1979	Oct. 1978
UNITED STATES	90,851.0	90,255.0	88,100.0	75,059.0	74,893.0	72,544.0
PENNSYLVANIA	4,742.8	4,705.6	4,730.3	4,040.3	4,018.5	4,027.1
ALLENTOWN-BETHLEHEM-EASTON	260.8	259.6	262.0	231.1	230.7	231.4
ALTOONA	53.0	52.6	51.9	45.8	45.6	44.9
ERIE	116.6	117.3	117.5	103.0	103.0	102.6
HARRISBURG	212.9	213.4	216.6	157.8	159.2	160.5
JOHNSTOWN	90.2	89.9	88.4	73.9	74.0	73.5
LANCASTER	150.3	149.7	150.5	136.1	135.6	135.1
NORTHEAST	240.7	239.1	243.5	199.0	200.2	205.1
SCRANTON	87.9	86.5	87.0	74.7	74.0	75.4
WILKES-BARRE-HAZLETON	123.4	122.7	127.1	103.0	103.9	108.5
PHILADELPHIA	1,906.5	1,887.4	1,891.9	1,607.2	1,595.1	1,597.8
PITTSBURGH	947.3	950.8	946.0	826.1	832.1	825.0
POTTSVILLE	46.9	47.0	50.3	38.9	39.0	42.5
READING	141.5	140.3	138.3	124.3	123.2	119.8
UNIONTOWN-CONNELLSVILLE	35.7	35.9	38.0	29.0	29.2	30.5
WILLIAMSPORT	49.3	49.5	50.2	42.5	42.8	43.1
YORK	154.1	153.5	154.4	135.4	135.3	135.7

Area	Manufacturing			Nonmanufacturing		
	Oct. 1979	Sept. 1979	Oct. 1978	Oct. 1979	Sept. 1979	Oct. 1978
UNITED STATES	21,157.0	21,199.0	20,832.0	69,694.0	69,056.0	67,268.0
PENNSYLVANIA	1,371.7	1,376.5	1,372.1	3,362.8	3,322.0	3,348.9
ALLENTOWN-BETHLEHEM-EASTON	110.4	110.3	110.2	150.4	149.1	151.8
ALTOONA	13.3	13.2	13.1	39.7	39.4	38.8
ERIE	45.5	45.6	45.2	71.0	71.6	72.2
HARRISBURG	43.1	43.2	42.2	169.3	169.7	174.1
JOHNSTOWN	20.0	20.0	19.9	70.2	69.9	68.3
LANCASTER	59.4	59.4	59.9	90.9	90.3	90.6
NORTHEAST	69.4	69.9	73.3	169.5	168.0	169.8
SCRANTON	28.4	27.8	28.7	58.3	57.8	58.1
WILKES-BARRE-HAZLETON	36.4	37.3	40.0	86.4	85.2	86.9
PHILADELPHIA	455.8	455.6	450.6	1,449.1	1,431.[illegible]	1,438.4
PITTSBURGH	253.0	254.8	250.5	691.4	692.9	692.0
POTTSVILLE	19.8	20.1	21.7	26.9	26.7	28.5
READING	54.4	53.8	52.9	87.1	86.3	84.3
UNIONTOWN-CONNELLSVILLE	8.3	8.3	7.9	27.4	27.6	29.4
WILLIAMSPORT	17.4	17.8	18.4	31.9	31.7	31.6
YORK	66.6	65.6	66.6	87.5	87.8	87.8

* Excludes Government employment

TABLE 17. LABOR TURNOVER RATES IN PENNSYLVANIA NONDURABLE INDUSTRIES

(Per 100 Employees)

Year & Month	Nondurable Goods						Food & Kindred					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	4.3	3.1		4.4	2.4	1.3	5.1	3.4		5.4	2.8	1.9
1974	4.2	2.7		4.9	2.1	2.1	5.2	3.3		5.8	2.6	2.5
1975	4.1	1.8		4.4	1.3	2.5	4.6	2.3		4.9	1.5	2.7
1976	3.9	2.2	1.4	4.1	1.4	2.0	4.6	2.3	2.0	4.9	1.4	2.8
1977	3.9	2.3	1.4	3.9	1.5	1.8	4.9	2.4	2.2	5.0	1.6	2.8
1978	3.6	2.4	1.0	3.6	1.7	1.3	4.1	2.5	1.4	4.3	1.8	1.9
Sep.	3.9	3.0	0.7	4.3	2.7	1.0	4.8	3.4	1.2	4.6	2.7	1.2
Oct.	3.9	2.9	0.8	3.9	2.0	1.3	5.2	3.4	1.6	5.2	2.4	2.1
Nov.	3.0	2.1	0.7	3.6	1.5	1.5	4.0	2.8	0.9	4.2	1.9	1.7
Dec.	2.2	1.4	0.7	3.5	1.2	1.6	2.6	1.9	0.6	4.8	1.5	2.5
1979												
Jan.	4.0	2.2	1.6	3.9	1.5	1.7	3.6	2.0	1.4	5.2	1.6	3.0
Feb.	3.1	1.9	1.1	2.9	1.3	1.0	3.1	1.5	1.4	3.5	1.5	1.5
Mar.	3.8	2.3	1.3	3.7	1.6	1.3	3.5	2.0	1.4	3.5	1.5	1.4
Apr.	3.6	2.1	1.1	3.5	1.5	1.3	4.3	2.5	1.6	4.1	1.6	2.0
May	4.1	2.7	1.1	3.7	1.7	1.4	5.0	3.4	1.3	4.7	1.9	2.1
Jun.	4.3	3.0	1.0	3.6	1.7	1.3	5.1	3.6	1.2	4.4	2.0	1.7
Jul.	4.0	2.2	1.6	4.3	1.6	2.1	5.8	3.0	2.6	4.3	1.9	1.8
Aug.	4.2	2.7	1.2	5.0	2.9	1.4	5.4	3.5	1.4	4.6	3.1	0.8
Sep.	4.0	2.7	1.0	4.3	2.3	1.3	5.0	3.5	1.4	4.9	2.5	1.5

Year & Month	Textiles						Apparel					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	5.1	4.3		5.2	3.6	0.7	4.8	3.0		5.1	2.4	1.9
1974	4.5	3.6		5.5	3.1	1.7	5.2	2.5		6.6	2.1	3.8
1975	4.5	2.3		5.1	1.6	2.8	5.6	2.3		5.6	1.5	3.5
1976	4.5	3.0	1.2	4.8	2.2	1.9	4.8	2.5	2.0	5.5	1.7	2.9
1977	4.3	3.0	1.1	4.6	2.2	1.8	5.1	2.6	2.2	5.1	1.8	2.6
1978	4.5	3.5	0.8	4.2	2.6	0.9	4.3	2.7	1.3	4.6	2.0	1.8
Sep.	4.6	4.1	0.3	5.4	3.9	0.8	4.6	3.3	1.0	5.0	3.0	1.1
Oct.	5.0	4.4	0.4	4.5	3.1	0.8	4.1	3.0	0.8	4.8	2.3	1.8
Nov.	3.4	2.8	0.5	4.0	2.2	1.2	3.4	2.2	0.9	4.7	1.7	2.2
Dec.	2.5	1.7	0.7	3.5	1.6	1.3	2.0	1.2	0.7	4.8	1.2	2.8
1979												
Jan.	4.1	3.2	0.7	4.3	2.5	1.2	6.7	2.6	3.8	4.9	1.8	2.3
Feb.	3.0	2.1	0.8	3.4	2.2	0.6	4.9	2.7	1.9	3.9	1.6	1.8
Mar.	3.6	2.5	0.9	3.9	2.3	0.9	4.8	2.8	1.8	5.4	2.0	2.4
Apr.	3.6	2.6	0.8	4.1	2.4	1.1	4.3	2.2	1.7	4.5	1.8	1.8
May	4.1	3.3	0.6	4.0	2.6	0.9	4.9	2.5	2.0	5.2	1.9	2.6
Jun.	4.3	3.6	0.5	4.0	2.5	0.8	4.7	2.5	1.8	5.1	2.0	2.2
Jul.	4.8	2.6	2.0	6.5	2.3	3.4	4.8	2.1	2.4	6.7	1.9	3.9
Aug.	4.4	3.4	0.9	6.2	3.7	0.4	5.3	2.6	2.4	6.5	2.8	2.7
Sep.	3.9	3.0	0.7	5.0	3.2	1.2	5.4	2.8	2.1	5.3	2.4	2.4

Year & Month	Paper & Allied Products						Printing & Publishing					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	3.1	2.6		3.0	1.7	0.6	2.8	2.2		2.9	1.6	0.8
1974	2.7	2.0		3.5	1.6	1.3	2.4	1.9		2.6	1.4	0.7
1975	3.4	1.0		3.7	0.7	2.5	2.0	1.1		2.5	0.8	1.3
1976	2.5	1.5	0.9	2.4	0.8	1.1	2.3	1.5	0.6	2.3	0.9	0.9
1977	2.6	1.5	0.9	2.7	0.9	1.3	2.2	1.5	0.6	2.1	1.0	0.7
1978	2.7	1.7	0.8	2.6	1.1	0.9	2.5	1.8	0.6	2.4	1.2	0.8
Sep.	2.8	2.4	0.2	4.1	2.3	1.2	2.7	2.3	0.3	2.5	1.7	0.3
Oct.	2.9	1.9	0.8	2.9	1.2	1.1	2.7	2.2	0.4	2.4	1.4	0.7
Nov.	1.9	1.3	0.5	3.3	0.8	2.0	2.5	1.6	0.8	2.3	1.2	0.8
Dec.	2.3	1.0	1.1	2.4	0.7	1.2	2.1	1.3	0.7	1.9	1.1	0.5
1979												
Jan.	2.5	1.2	1.1	3.4	0.9	1.8	2.8	2.2	0.6	2.9	1.2	1.1
Feb.	2.0	1.1	0.8	1.9	0.8	0.6	2.4	1.6	0.7	1.9	1.1	0.5
Mar.	2.4	1.4	0.8	1.9	1.0	0.4	2.7	1.7	1.0	2.0	1.1	0.6
Apr.	2.6	1.6	0.8	2.5	1.1	0.8	2.4	1.8	0.5	2.3	1.2	0.8
May	3.8	2.6	0.9	2.5	1.2	0.8	2.7	2.2	0.5	2.4	1.3	0.7
Jun.	4.1	3.2	0.7	2.0	1.1	0.5	3.3	2.6	0.6	2.4	1.3	0.8
Jul.	4.3	2.6	1.6	3.6	1.2	1.7	2.4	1.7	0.6	2.1	1.2	0.6
Aug.	3.6	2.6	0.9	4.5	2.7	0.8	2.5	1.9	0.1	3.2	2.2	0.4
Sep.	3.5	3.0	0.3	4.1	2.3	0.9	2.7	2.2	0.4	2.7	1.7	0.6

Year & Month	Chemicals						Petroleum & Coal Products					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	2.5	1.8		2.4	1.2	0.6	1.6	1.3		2.0	0.7	0.4
1974	2.2	1.6		2.3	1.0	0.7	1.4	1.1		1.4	0.6	0.3
1975	2.2	0.9		2.4	0.5	1.4	1.1	0.8		1.1	0.3	0.3
1976	2.1	1.2	0.7	1.9	0.6	0.8	1.5	1.0	0.2	1.6	0.4	0.3
1977	2.0	1.3	0.6	2.0	0.7	0.6	1.4	1.1	0.1	1.5	0.5	0.3
1978	2.0	1.4	0.5	1.8	0.7	0.5	1.4	1.1	0.2	1.5	0.5	0.4
Sep.	1.7	1.3	0.3	2.2	1.2	0.5	1.4	1.1	0.1	2.4	1.4	0.5
Oct.	2.0	1.6	0.3	1.8	0.7	0.7	1.1	1.0	0.1	1.5	0.5	0.5
Nov.	1.4	1.0	0.3	1.4	0.6	0.4	0.7	0.5	N	1.5	0.3	0.7
Dec.	1.2	0.9	0.2	1.3	0.5	0.3	0.6	0.4	N	1.8	0.3	0.8
1979												
Jan.	1.6	1.2	0.3	1.7	0.6	0.5	1.0	0.7	0.2	1.1	0.3	0.5
Feb.	1.5	1.2	0.3	1.4	0.5	0.3	1.0	0.6	0.3	1.2	0.4	0.2
Mar.	2.1	1.6	0.4	1.4	0.7	0.3	1.2	0.9	0.2	0.7	0.3	0.1
Apr.	1.6	1.1	0.3	1.2	0.6	0.4	2.0	1.1	0.8	1.2	0.5	0.4
May	2.2	1.7	0.4	1.3	0.6	0.3	2.4	1.6	0.4	1.0	0.4	0.2
Jun.	3.0	2.4	0.4	1.5	0.7	0.4	2.8	2.6	0.1	1.2	0.2	0.3
Jul.	1.6	1.2	0.3	1.4	0.7	0.4	2.7	2.3	0.2	1.1	0.4	0.2
Aug.	1.9	1.6	0.3	2.8	1.9	0.4	1.4	0.9	0.1	3.6	2.5	0.4
Sep.	2.0	1.6	0.3	2.3	1.2	0.7	1.7	1.4	0.2	1.9	1.1	0.1

Year & Month	Rubber & Plastics						Leather Goods					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	5.0	3.9		4.8	2.7	0.9	7.5	6.3		7.9	5.7	1.3
1974	4.4	3.0		5.2	2.3	1.8	7.1	5.6		8.6	5.1	2.6
1975	3.7	1.1		4.9	0.9	3.1	6.8	5.1		7.0	3.5	2.6
1976	4.1	2.2	1.6	3.7	1.3	1.5	6.4	4.7	1.4	7.2	3.9	2.4
1977	3.5	2.3	1.0	3.6	1.4	1.3	6.6	4.9	1.3	6.8	4.1	1.8
1978	3.3	2.2	0.8	3.2	1.5	1.0	7.0	5.0	1.5	8.0	4.8	2.4
Sep.	3.6	2.4	0.7	4.5	2.6	1.1	8.5	6.7	1.3	10.3	6.8	2.5
Oct.	4.5	3.0	1.2	3.1	1.6	0.8	6.7	4.9	1.5	8.4	5.2	2.3
Nov.	2.9	2.0	0.6	3.0	1.3	1.1	5.8	4.2	1.1	7.5	4.2	2.5
Dec.	1.9	1.3	0.5	2.3	1.0	1.0	4.5	2.7	1.5	7.0	3.5	2.7
1979												
Jan.	3.8	2.6	1.0	2.7	1.2	0.8	7.7	4.8	2.2	6.5	3.7	2.1
Feb.	3.0	2.0	0.8	2.7	1.2	0.9	4.4	3.4	0.5	5.4	3.2	1.5
Mar.	3.1	2.2	0.6	3.5	1.5	1.1	6.8	4.7	1.5	8.3	4.5	2.8
Apr.	3.8	2.2	1.4	3.4	1.2	1.4	6.7	4.9	1.5	8.2	4.7	2.5
May	4.8	3.2	1.2	3.2	1.5	0.8	7.9	5.8	1.5	8.2	5.4	1.4
Jun.	4.5	3.4	0.7	2.9	1.2	1.0	7.8	5.7	1.5	7.3	4.5	2.1
Jul.	3.1	2.0	0.8	3.2	1.4	1.0	5.5	4.0	1.0	9.9	4.5	4.9
Aug.	3.9	2.8	0.7	5.6	3.3	1.3	10.4	6.5	3.7	10.8	6.7	3.4
Sep.	3.7	2.6	0.5	4.5	2.3	1.1	5.9	4.7	0.7	8.5	6.3	1.4

N = Negligible

TABLE 18. LABOR TURNOVER RATES IN PENNSYLVANIA
DURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	All Manufacturing						Durable Goods						Furniture & Fixtures						Stone, Clay & Glass					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	3.7	2.7		3.5	1.8	0.9	3.3	2.4		3.0	1.5	0.7	6.4	5.2		6.6	4.2	1.4	4.1	2.4		3.8	1.6	1.5
1974	3.4	2.2		3.9	1.6	1.6	2.9	1.9		3.2	1.2	1.3	5.0	3.5		7.0	2.9	3.0	3.6	2.0		4.6	1.4	2.5
1975	3.3	1.4		3.9	0.8	2.3	2.8	0.9		3.7	0.6	2.5	5.8	2.0		6.1	1.2	4.1	3.9	1.0		4.6	0.7	3.3
1976	3.3	1.5	1.5	3.5	0.9	1.9	2.9	1.0	1.6	3.1	0.6	1.8	5.1	2.8	2.0	5.2	1.8	2.5	3.7	1.3	2.3	3.5	0.7	2.2
1977	3.4	1.7	1.5	3.5	1.0	1.8	3.1	1.3	1.6	3.2	0.7	1.8	6.4	3.8	2.4	5.6	2.1	2.5	3.9	1.4	2.4	3.6	0.8	2.2
1978	3.0	1.8	0.9	2.9	1.2	1.1	2.6	1.5	0.9	2.4	0.8	0.9	4.8	4.0	0.6	4.7	2.7	1.0	2.7	1.6	1.0	2.8	0.9	1.2
Sep	3.2	2.3	0.7	3.4	1.9	0.8	2.6	1.8	0.6	2.7	1.3	0.7	5.7	5.1	0.4	5.0	3.3	0.5	2.8	2.0	0.5	3.3	1.5	1.3
Oct	3.1	2.2	0.7	3.0	1.3	1.0	2.7	1.8	0.6	2.3	0.9	0.7	5.6	5.0	0.4	5.4	3.2	0.9	2.3	1.6	0.6	2.6	0.8	1.2
Nov	2.3	1.5	0.6	2.7	1.0	1.1	2.0	1.2	0.6	2.1	0.6	0.9	3.9	3.4	0.3	4.1	2.3	0.9	1.8	1.0	0.5	2.5	0.7	0.9
Dec	1.9	1.1	0.6	2.7	0.8	1.3	1.6	0.9	0.5	2.1	0.5	1.0	2.8	2.5	0.2	3.3	1.9	0.5	1.7	0.7	0.8	3.6	0.5	2.2
1979																								
Jan	3.3	1.9	1.2	3.1	1.0	1.4	2.8	1.6	0.9	2.7	0.7	1.1	4.0	3.4	0.5	5.0	2.1	1.8	2.1	0.9	1.1	4.1	0.7	2.8
Feb	2.6	1.6	0.9	2.5	0.9	0.9	2.4	1.4	0.8	2.3	0.7	1.5	3.7	2.3	1.5	4.2	1.6	1.5	2.6	0.8	1.6	2.4	0.5	1.2
Mar	3.1	1.8	1.0	2.9	1.1	1.0	2.6	1.5	0.9	2.3	0.8	0.8	4.1	3.5	0.3	5.7	2.4	1.9	3.8	1.0	2.7	2.6	0.7	1.4
Apr	2.9	1.7	0.9	2.8	1.1	1.0	2.5	1.5	0.8	2.3	0.8	0.6	4.2	3.1	0.6	6.0	2.0	2.9	3.8	1.7	2.0	2.4	0.7	1.2
May	3.6	2.3	1.0	2.8	1.2	0.9	3.2	2.0	0.9	2.2	0.9	0.6	7.8	4.3	3.3	6.9	2.2	3.2	3.8	2.3	1.3	1.9	0.8	0.6
Jun	3.6	2.6	0.7	2.8	1.2	1.0	3.1	2.3	0.6	2.3	0.9	0.8	6.5	3.8	2.4	4.6	2.4	0.8	3.6	2.6	0.7	2.3	0.8	1.0
Jul	3.2	1.8	1.1	3.3	1.1	1.6	2.7	1.6	0.9	2.7	0.8	1.2	6.6	3.5	3.0	7.5	2.0	4.5	2.7	1.7	0.9	2.4	0.8	1.1
Aug	3.5	2.2	1.0	4.2	2.3	1.2	3.0	1.8	0.9	3.7	1.8	1.1	6.9	5.2	1.6	6.8	4.4	0.7	2.9	1.7	1.1	4.1	2.1	1.4
Sep	3.1	2.1	0.8	3.5	1.6	1.2	2.6	1.7	0.6	3.1	1.2	1.1	5.4	5.0	0.2	6.3	3.3	1.4	3.2	1.4	1.7	3.2	1.2	1.2

Year & Month	Primary Metals						Fabricated Metals						Machinery except Electrical						Electric & Electronic Equipment					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	2.4	1.8		2.1	1.0	0.4	4.0	2.9		3.8	1.7	1.2	2.8	2.3		2.1	1.2	0.3	3.2	2.4		3.0	1.5	0.6
1974	2.3	1.5		2.3	0.9	0.8	3.7	2.4		4.1	1.4	1.8	2.6	2.1		2.3	1.2	0.4	2.2	1.4		2.9	1.1	1.1
1975	3.0	0.5		4.3	0.3	3.3	2.8	1.1		3.8	0.6	2.5	1.7	0.9		2.7	0.6	1.5	1.6	0.4		2.8	0.4	1.8
1976	3.3	0.6	2.4	3.3	0.4	2.2	2.7	1.1	1.5	3.5	0.6	2.2	2.4	0.9	1.4	2.8	0.6	1.7	2.1	1.0	0.7	2.2	0.6	0.9
1977	2.9	0.8	1.8	3.2	0.4	2.0	3.3	1.3	1.8	3.4	0.7	2.1	3.2	1.0	2.0	3.5	0.6	2.3	2.5	1.2	0.8	2.6	0.7	1.2
1978	2.5	1.1	1.2	2.4	0.5	1.1	3.1	1.6	1.2	3.0	0.9	1.3	2.1	1.4	0.5	1.6	0.7	0.4	2.3	1.3	0.7	2.3	0.8	0.8
Sep	2.0	1.1	0.7	2.6	1.2	0.7	3.1	2.2	0.7	3.2	1.5	1.0	1.8	1.5	0.2	1.8	1.0	0.3	2.5	1.5	0.7	2.6	1.3	0.5
Oct	2.0	1.0	0.7	2.2	0.5	1.0	3.3	2.5	0.6	2.9	1.0	1.0	2.0	1.7	0.2	1.5	0.8	0.3	2.6	1.7	0.6	2.2	0.8	0.6
Nov	1.7	0.7	0.8	1.6	0.4	0.7	2.6	1.4	0.9	3.0	0.8	1.7	1.6	1.3	0.2	1.4	0.6	0.4	2.0	1.1	0.6	1.9	0.7	0.7
Dec	1.6	0.5	0.8	1.9	0.3	1.0	1.9	1.0	0.7	2.3	0.6	1.2	1.4	1.1	0.2	1.4	0.6	0.4	1.6	0.8	0.5	1.7	0.5	0.6
1979																								
Jan	3.0	1.3	1.4	2.4	0.4	1.0	3.4	1.9	1.2	3.2	0.8	1.6	2.2	1.6	0.3	1.6	0.8	0.3	2.5	1.4	0.7	2.4	0.7	0.9
Feb	2.3	1.3	0.8	1.8	0.4	0.5	2.6	1.7	0.7	2.7	0.7	1.3	1.7	1.4	0.2	1.3	0.6	0.2	2.2	1.2	0.6	2.2	0.7	0.8
Mar	1.9	1.2	0.5	1.8	0.4	0.6	3.0	1.8	1.1	2.5	0.8	1.0	1.8	1.4	0.2	1.7	0.8	0.3	2.4	1.4	0.7	2.4	0.8	0.8
Apr	2.0	1.1	0.7	1.9	0.4	0.7	2.8	1.8	0.9	3.1	0.9	1.6	1.6	1.2	0.2	1.3	0.7	0.2	2.5	1.4	0.7	2.3	0.8	0.5
May	3.3	1.8	1.1	1.6	0.5	0.4	3.8	2.4	1.1	2.5	1.1	0.7	1.9	1.6	0.2	1.5	0.8	0.2	2.9	1.8	0.6	2.4	1.0	0.6
Jun	2.6	2.0	0.3	1.4	0.5	0.2	3.7	2.5	1.0	3.5	1.0	1.7	2.4	2.1	0.2	1.9	0.9	0.5	2.9	2.1	0.5	1.7	0.8	0.3
Jul	2.2	1.4	0.6	2.3	0.5	0.8	3.3	1.9	1.1	3.3	0.9	1.7	2.0	1.3	0.5	1.9	0.7	0.7	2.9	1.6	1.0	2.8	0.8	1.5
Aug	2.0	1.2	0.5	3.4	1.7	0.8	4.7	2.4	1.9	4.6	2.0	1.9	2.3	1.5	0.6	2.3	1.3	0.4	3.0	2.1	0.5	3.9	2.0	1.0
Sep	1.7	0.9	0.5	3.5	1.0	1.7	3.4	2.3	0.7	3.0	1.2	1.1	1.8	1.5	0.2	2.0	0.9	0.5	2.8	1.8	0.5	2.6	1.3	0.6

Year & Month	Transportation Equipment						Instruments & Related						Miscellaneous Manufacturing					
	Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	4.4	2.6		3.8	1.4	1.2	2.9	2.4		2.8	1.6	0.5	3.6	2.7		3.5	2.0	0.9
1974	4.2	2.2		4.2	1.1	2.0	2.9	2.4		2.8	1.4	0.7	3.8	2.6		4.8	1.8	2.3
1975	3.5	1.3		3.9	0.6	2.2	1.9	1.1		2.2	0.6	1.0	3.2	1.0		3.3	0.7	2.1
1976	3.2	1.1	1.6	3.5	0.5	2.0	2.1	1.4	0.5	1.8	0.7	0.6	2.6	1.5	0.9	2.7	0.8	1.2
1977	3.0	1.6	1.1	2.8	0.6	1.4	2.1	1.6	0.3	1.7	0.8	0.4	2.7	1.5	1.1	2.7	0.8	1.3
1978	3.0	1.5	1.0	2.5	0.7	1.0	2.0	1.6	0.2	1.7	0.9	0.3	2.9	1.9	0.9	2.9	1.0	1.2
Sep	3.8	2.1	1.3	2.6	1.0	0.8	2.4	1.9	0.3	2.5	1.3	0.7	3.9	2.9	0.7	3.9	1.6	0.8
Oct	3.3	1.8	1.1	2.1	0.7	0.4	2.4	2.0	0.3	1.4	0.9	0.2	4.3	3.6	0.6	2.9	1.4	1.0
Nov	2.5	1.2	0.7	1.7	0.5	0.5	1.6	1.2	0.3	1.3	0.7	0.1	1.8	1.2	0.5	4.0	1.1	2.5
Dec	1.6	0.8	0.3	2.0	0.3	1.0	1.1	0.9	0.1	1.2	0.6	0.1	1.7	0.6	1.0	5.5	0.8	4.1
1979																		
Jan	2.9	1.7	0.8	2.8	0.8	0.9	2.3	2.1	0.1	1.6	0.7	0.2	4.1	2.4	1.6	3.8	0.7	2.2
Feb	2.0	1.3	0.4	2.9	0.5	1.4	2.6	2.4	0.1	2.5	1.1	0.3	3.2	1.6	1.4	2.3	0.8	0.6
Mar	2.7	1.6	0.7	2.8	0.9	1.0	2.2	1.9	0.1	1.4	0.9	0.2	3.6	2.3	1.3	2.7	0.9	0.7
Apr	3.1	1.4	1.3	2.9	0.7	1.1	2.0	1.4	0.5	1.7	0.9	0.3	3.3	1.6	1.6	3.0	0.9	1.1
May	3.1	1.5	1.2	2.5	0.6	0.9	2.7	1.9	0.6	2.0	0.9	0.5	3.5	2.3	1.0	2.2	1.1	0.3
Jun	2.7	1.7	0.6	3.8	0.6	1.9	2.9	2.3	0.4	2.0	1.0	0.4	6.0	4.4	1.4	2.4	1.4	0.5
Jul	3.2	1.4	1.2	3.0	0.6	1.4	1.5	1.2	0.1	2.1	0.8	0.8	3.3	1.5	1.7	4.1	1.4	2.2
Aug	3.1	1.4	1.2	3.4	1.1	1.4	1.9	1.2	0.5	2.6	1.5	0.3	4.8	3.4	1.3	6.2	3.7	1.9
Sep	3.2	1.6	1.1	2.8	1.0	1.0	1.6	1.3	0.2	3.2	1.2	1.1	4.7	3.7	0.8	4.5	2.2	1.2

N = Negligible

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A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

PENNSYLVANIA EMPLOYMENT AND EARNINGS

DECEMBER 1979

Vol. XXIV No. 12

JOB SERVICE

COMMONWEALTH OF PENNSYLVANIA   DEPARTMENT OF LABOR AND INDUSTRY   BUREAU OF EMPLOYMENT SECURITY
HARRISBURG, PENNA. 17121   In cooperation with the U.S. Department of Labor, Bureau of Labor Statistics

- EXPLANATORY -

INDUSTRY EMPLOYMENT

Employment data, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives."

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing to:
PENNSYLVANIA BUREAU OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING-ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717-787-3129

Issued: December 1979 Reference: Mid-November

PENNSYLVANIA EMPLOYMENT & EARNINGS
NOVEMBER 1979

Total unemployment in Pennsylvania, both seasonally adjusted and unadjusted, dropped in November.

Adjusted for seasonal influences, the rate of unemployment slipped to 7.5 percent of the total civilian labor force in November from 8.3 percent in October. The number of unemployed workers declined to 406,000 in November, down 39,000 from October. Unemployment was somewhat higher than the previous year. Last November, seasonally adjusted unemployment was 390,000 and the rate, 7.3 percent.

The unadjusted rate of unemployment dropped to 6.9 percent in November from 7.9 percent in October. The volume of unemployment was 369,000 in November, a reduction of 57,000 from October. One year ago, unemployment was 352,000 and the rate, 6.6 percent.

Nationwide, the November seasonally adjusted rate was 5.8 percent of the total civilian labor force, down from 6.0 percent in October. The unadjusted rate was 5.6 percent in November, unchanged from October.

MANUFACTURING JOBS EASE OFF

Typically, manufacturing industries are not very active as they approach the year's end. This November was no exception. Dropping 4,000 jobs over the month, factory jobs numbered 1,368,600 showing a leaner November than last year when the total was 6,700 higher. Durables, the stronger of the two groups, was down 2,700, with only ELECTRICAL MACHINERY, TRANSPORTATION EQUIPMENT and INSTRUMENTS reporting any gain. The construction machinery industry was affected by a labor-management dispute involving approximately 3,000 workers. This contributed to the decline in jobs in the NONELECTRICAL MACHINERY industry group. PRIMARY METALS showed no change in job level from the previous month. Excepting LUMBER AND WOOD, STONE, CLAY AND GLASS, and MISCELLANEOUS MANUFACTURING, durables managed to hold a slim margin over last November.

While nondurables declined only slightly from October, on a year-to-year basis, they fell heavily on the negative side. No strengths appeared anywhere in this group. Compared with last November, a few managed to eke out bare increases but most ended on the down side. As a result, nondurables dropped more than 15,000 below last November's job level. The most significant loss – 10,600 – occurred in the APPAREL industry.

HOURS AND EARNINGS RISE

Production worker earnings, averaging $7.25 an hour in November, increased ten cents from mid-October. The workweek, at 40.6 advanced eight-tenths of an hour, marking the high point of the year.

TRANSPORTATION EQUIPMENT excepted, this trend in hours and earnings was reflected in every other facet of the state's vast manufactuing complex. Contributing factors included basic wage increases and additional premium paid hours in a number of PRIMARY METAL and STONE, CLAY AND GLASS firms. Other industries, notably, FOOD, PAPER and PETROLEUM, reported an upswing in premium paid hours, - overtime - resulting in higher earnings and more than an hour increase in production manhours.

Nationwide, the average factory worker earned $6.85 an hour for a 40.2 hour workweek.

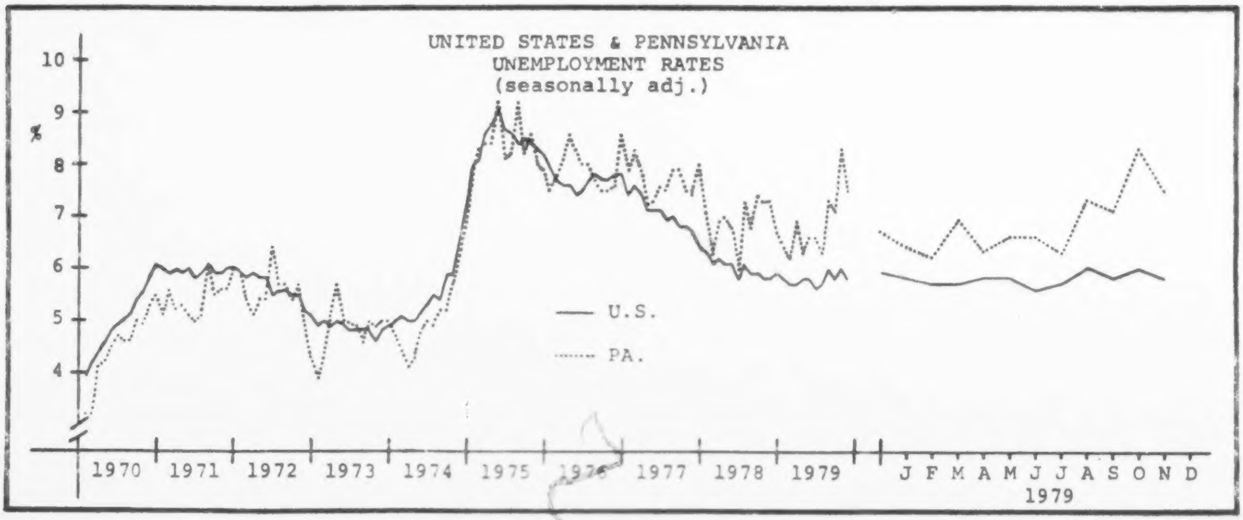
FACTORY TURNOVER DWINDLES

Caution seemed to be the prevailing mood among manufacturing industry workers during October. Workers were not readily leaving their jobs for there seemed to be few 'greener pastures'. Industries in general were not hiring as profusely as in previous months - new hires were down six percent; recalls remained unchanged. Separations declined eleven percent as quits slumped from 16 per thousand workers in September to 11 per thousand in October. Layoffs increased very slightly.

NON-FACTORY JOBS INCREASE

Nonmanufacturing industies evidenced seasonal vigor during November. MINING, WHOLESALE TRADE and FINANCE INSURANCE AND REAL ESTATE registered somewhat subdued gains. GOVERNMENT jobs increased by more than 11,000 and RETAIL TRADE displayed a seasonal growth of 10,200, a bit less than average for this month. CONSTRUCTION cut back 5,000 jobs, SERVICES dropped 3,300 and TRANSPORTATION lost 1,300.

A year ago, RETAIL TRADE was 17,000 higher and CONSTRUCTION, 10,000. Only SERVICES and FINANCE showed any healthy over-the-year gains, 26,100 and 8,100, respectively.


UNITED STATES & PENNSYLVANIA
UNEMPLOYMENT RATES
(seasonally adj.)

EMPLOYMENT DATA IN THIS PUBLICATION HAVE BEEN REVISED TO FIRST QUARTER 1978 BENCHMARKS, AND ARE THEREFORE, NOT STRICTLY COMPARABLE WITH FIGURES PUBLISHED PRIOR TO JANUARY 1977. DATA ARE BASED ON INDUSTRY CLASSIFICATION IN ACCORDANCE WITH THE REVISED 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL.

On all tables data for most recent month are preliminary and subject to revision.

ADDITIONAL NOTATION ON PAGE 13

Table 1. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %
1961	4,508.0	4,080.9	427.1	9.5		70,459.0	65,746.0	4,714.0	6.7	
1962	4,474.2	4,110.5	363.7	8.1		70,614.0	66,702.0	3,911.0	5.5	
1963	4,422.9	4,090.0	332.9	7.5		71,833.0	67,762.0	4,070.0	5.7	
1964	4,430.9	4,155.2	275.7	6.2		73,091.0	69,305.0	3,786.0	5.2	
1965	4,469.3	4,263.4	205.9	4.6		74,455.0	71,088.0	3,366.0	4.5	
1966	4,558.3	4,395.0	163.3	3.6		75,770.0	72,895.0	2,875.0	3.8	
1967	4,637.0	4,467.0	170.0	3.7		77,347.0	74,372.0	2,975.0	3.8	
1968	4,634.0	4,475.0	159.0	3.4		78,737.0	75,920.0	2,817.0	3.6	
1969	4,720.0	4,566.0	154.0	3.3		80,734.0	77,902.0	2,832.0	3.5	
1970	4,833.0	4,618.0	215.0	4.4		82,715.0	78,627.0	4,088.0	4.9	
1971	4,803.0	4,543.0	260.0	5.4		84,113.0	79,120.0	4,993.0	5.9	
1972	4,875.0	4,609.0	265.0	5.4		86,542.0	81,702.0	4,840.0	5.6	
1973	4,988.0	4,747.0	241.0	4.8		88,714.0	84,409.0	4,304.0	4.9	
1974	5,036.0	4,778.0	258.0	5.1		91,011.0	85,935.0	5,076.0	5.6	
1975	5,069.0	4,647.0	421.0	8.3		92,613.0	84,783.0	7,830.0	8.5	
1976	5,094.0	4,690.0	404.0	7.9		94,773.0	87,485.0	7,288.0	7.7	
1977	5,168.0	4,770.0	398.0	7.7		97,401.0	90,546.0	6,855.0	7.0	
1978	5,252.0	4,888.0	364.0	6.9		100,420.0	94,373.0	6,047.0	6.0	
1978 Nov	5,332.0	4,980.0	352.0	6.6	7.3	101,659.0	96,029.0	5,629.0	5.5	5.8
Dec	5,347.0	5,026.0	320.0	6.0	6.7	101,632.0	95,906.0	5,725.0	5.6	5.9
1979 Jan	5,276.0	4,900.0	376.0	7.1	6.4	100,867.0	94,436.0	6,431.0	6.4	5.8
Feb	5,240.0	4,845.0	394.0	7.5	6.2	101,249.0	94,765.0	6,484.0	6.4	5.7
Mar	5,277.0	4,865.0	412.0	7.8	6.9	101,665.0	95,501.0	6,165.0	6.1	5.7
Apr	5,186.0	4,866.0	320.0	6.2	6.3	101,236.0	95,675.0	5,561.0	5.5	5.8
May	5,217.0	4,922.0	294.0	5.6	6.6	101,473.0	96,220.0	5,253.0	5.2	5.8
Jun	5,343.0	4,959.0	384.0	7.2	6.6	104,153.0	97,917.0	6,235.0	6.0	5.6
Jul	5,398.0	5,058.0	340.0	6.3	6.3	104,995.0	98,891.0	6,104.0	5.8	5.7
Aug	5,350.0	4,977.0	373.0	7.0	7.3	104,363.0	98,226.0	6,137.0	5.9	6.0
Sep	5,301.0	4,944.0	357.0	6.7	7.1	103,373.0	97,576.0	5,798.0	5.6	5.8
Oct	5,364.0	4,938.0	426.0	7.9	8.3	103,939.0	98,158.0	5,781.0	5.6	6.0
Nov	5,375.0	5,006.0	369.0	6.9	7.5	103,719.0	97,943.0	5,776.0	5.6	5.8

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From--	
	Nov. 1979	Oct. 1979	Nov. 1978	Oct. 1979	Nov. 1978
TOTAL CIVILIAN LABOR FORCE	5,375.0	5,364.0	5,332.0	11.0	43.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	369.0	426.0	352.0	-57.0	17.0
% CIVILIAN LABOR FORCE	6.9	7.9	6.6	-1.0	0.3
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	406.0	445.0	390.0	-39.0	16.0
% CIVILIAN LABOR FORCE	7.5	8.3	7.3	-0.8	0.2
TOTAL EMPLOYMENT	5,006.0	4,938.0	4,980.0	68.0	26.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From--	
	Nov. 1979	Oct. 1979	Nov. 1978	Oct. 1979	Nov. 1978
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,754.4	4,744.0	4,746.4	10.4	8.0
LABOR-MANAGEMENT DISPUTES	8.9	8.3	8.2	0.6	0.7
ALL MANUFACTURING INDUSTRIES	1,368.6	1,372.6	1,375.3	-4.0	-6.7
TOTAL NONMANUFACTURING INDUSTRIES	3,376.9	3,363.1	3,362.9	13.8	14.0
Mining	52.0	51.4	53.9	0.6	-1.9
Anthracite	3.1	3.0	3.0	0.1	0.1
Bituminous	39.7	39.1	42.4	0.6	-2.7
Nonmetallic minerals	5.0	5.1	4.8	-0.1	0.2
Contract Construction	198.7	203.7	208.7	-5.0	-10.0
General building	52.1	54.0	55.9	-1.9	-3.8
Heavy construction	43.4	46.7	43.3	-3.3	0.1
Special trades	103.2	103.0	109.5	0.2	-6.3
Transportation	166.5	167.8	167.8	-1.3	-1.3
Railroads	43.9	43.9	44.9	0.0	-1.0
Public Utilities	103.4	103.4	101.4	0.0	2.0
Communications	54.2	54.0	53.2	0.2	1.0
Electric, gas & sanitary service	49.2	49.4	48.2	-0.2	1.0
Electric systems	23.6	23.7	22.8	-0.1	0.8
Gas production	11.3	11.3	11.1	0.0	0.2
Wholesale trade	229.0	228.2	227.2	0.8	1.8
Retail trade	754.1	743.9	771.4	10.2	-17.3
General merchandise stores	129.3	125.4	139.0	3.9	-9.7
Department stores	114.2	110.8	122.6	3.4	-8.4
Finance, insurance & real estate	237.6	237.2	229.5	0.4	8.1
Banking	78.3	78.0	75.6	0.3	2.7
Commercial & stock savings	72.3	72.0	69.8	0.3	2.5
Credit agencies & securities	30.7	30.8	29.6	-0.1	1.1
Insurance	70.2	69.9	67.7	0.3	2.5
Life insurance	26.0	26.0	25.7	0.0	0.3
Fire, marine & casualty	29.6	29.3	28.4	0.3	1.2
Services	928.4	931.7	902.3	-3.3	26.1
Business services	117.4	116.8	115.9	0.6	1.5
Health services	296.7	295.8	291.3	0.9	5.4
Nursing & personal care	47.8	47.4	46.0	0.4	1.8
Hospitals	184.8	184.3	179.6	0.5	5.2
Educational service	136.6	137.0	124.5	-0.4	12.1
Miscellaneous services	42.7	42.3	42.9	0.4	-0.2
Engineering & architectural	25.8	25.5	26.8	0.3	-1.0
Government	707.2	695.8	700.7	11.4	6.5
Federal	127.9	127.3	128.7	0.6	-0.8
State & local	579.3	568.5	572.0	10.8	7.3

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS

(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manu-facturing	Total Non-Manu-facturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.0	3,853.8	1,341.5	3,223.5	48.0	183.9	939.0	221.7	717.2
1978	4,669.9	3,951.9	1,362.1	3,307.8	46.6	195.3	969.6	226.5	743.1
1978 Nov.	4,738.2	4,037.5	1,375.3	3,362.9	53.9	208.7	998.6	227.2	771.4
Dec.	4,734.8	4,027.2	1,371.2	3,363.6	52.9	192.5	1,008.0	228.3	779.7
1979 Jan.	4,634.7	3,934.0	1,364.3	3,270.5	52.7	166.1	968.7	228.0	740.7
Feb.	4,619.2	3,908.1	1,363.4	3,255.8	52.0	150.7	948.6	226.3	722.3
Mar.	4,660.7	3,947.1	1,365.4	3,295.3	52.4	166.7	957.2	226.7	730.5
Apr.	4,691.8	3,976.6	1,365.5	3,326.3	52.3	185.2	965.4	228.1	737.3
May	4,732.4	4,012.2	1,368.4	3,364.0	52.8	196.3	971.0	227.0	744.0
Jun.	4,757.2	4,039.5	1,387.3	3,369.9	52.7	198.5	970.3	228.8	741.5
Jul.	4,699.4	4,006.9	1,374.3	3,325.1	52.3	205.7	956.9	229.3	727.6
Aug.	4,688.1	3,998.0	1,367.8	3,320.3	51.9	205.8	955.6	228.8	726.8
Sep.	4,698.5	4,018.5	1,376.5	3,322.0	52.3	204.9	959.6	225.9	733.7
Oct.	4,735.7	4,039.9	1,372.6	3,363.1	51.4	203.7	972.1	228.2	743.9
Nov.	4,745.5	4,038.3	1,368.6	3,376.9	52.0	198.7	983.1	229.0	754.1

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.4	137.6	513.8
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.2	136.4	521.8
1974	161.1	104.4	207.3	773.6	154.9	618.7	681.5	136.6	544.9
1975	154.0	102.5	207.3	798.5	159.8	638.7	720.9	134.4	586.5
1976	155.4	101.1	211.4	839.7	165.5	674.2	721.6	131.8	589.8
1977	160.7	100.7	217.5	862.4	171.1	691.3	711.2	128.1	583.0
1978	163.5	101.2	226.2	887.5	177.3	710.2	718.0	129.1	588.9
1978 Nov.	167.8	101.4	229.5	902.3	179.6	722.7	700.7	128.7	572.0
Dec.	168.0	101.6	231.1	901.9	180.0	721.9	707.6	128.7	578.9
1979 Jan.	164.4	101.6	230.8	885.4	180.2	705.2	700.8	127.6	573.2
Feb.	164.1	101.8	232.5	895.0	180.9	714.1	711.1	126.8	584.3
Mar.	165.5	101.8	233.2	904.9	181.3	723.6	713.6	126.7	586.9
Apr.	165.0	102.1	234.1	907.0	181.3	725.7	715.2	126.7	588.5
May	168.0	102.5	235.8	917.4	181.5	735.9	720.2	127.5	592.7
Jun.	168.7	103.8	238.6	919.6	184.3	735.3	717.7	129.1	588.6
Jul.	162.0	104.4	239.6	911.7	185.1	726.6	692.5	129.6	562.9
Aug.	161.8	104.6	239.6	910.9	184.4	726.5	690.1	128.8	561.3
Sep.	166.4	103.5	237.0	918.3	184.1	734.2	680.0	127.7	552.3
Oct.	167.8	103.4	237.2	931.7	184.3	747.4	695.8	127.3	568.5
Nov.	166.5	103.4	237.6	928.4	184.8	743.6	707.2	127.9	579.3

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

OCTOBER 1979

Industry	Employment (Thousands)	Accession Rates: Total Oct. 1979	Total Sept. 1979	Total Oct. 1978	New Hires Oct. 1979	New Hires Sept. 1979	New Hires Oct. 1978	Recalls Oct. 1979	Recalls Sept. 1979	Recalls Oct. 1978
All Manufacturing	1,372.6	2.9	3.1	3.1	1.9	2.1	2.2	0.7	0.7	0.7
Durable Goods	847.9	2.4	2.5	2.7	1.6	1.6	1.8	0.6	0.6	0.6
Furniture & Fixtures	20.9	3.9	5.3	5.6	3.2	4.9	5.0	0.6	0.3	0.4
Stone, Clay & Glass Products	63.1	1.7	2.7	2.3	1.1	1.3	1.6	0.5	1.3	0.6
Primary Metal Industries	202.2	2.1	1.7	2.0	0.9	1.0	1.0	0.9	0.5	0.7
Fabricated Metal Products	114.9	3.2	3.3	3.3	2.1	2.3	2.5	1.0	0.7	0.6
Machinery, exc. Electrical	141.3	1.9	1.8	2.0	1.7	1.5	1.7	0.2	0.2	0.2
Electric & Electronic Equip.	128.6	1.9	2.4	2.6	1.2	1.5	1.7	0.3	0.4	0.6
Transportation Equipment	88.9	3.3	3.1	3.3	2.0	1.7	1.8	0.7	1.0	1.1
Instruments & Related Products	39.5	1.5	1.5	2.4	1.2	1.2	2.0	0.1	0.2	0.3
Miscellaneous Manufacturing	26.9	3.7	4.0	4.3	3.3	3.2	3.6	0.4	0.6	0.6
Nondurable Goods	524.7	3.6	4.0	3.9	2.4	2.7	2.9	1.0	1.0	0.8
Food & Kindred Products	98.9	4.1	5.0	5.2	2.9	3.4	3.4	1.0	1.4	1.6
Textile Mill Products	48.2	4.2	3.9	5.0	3.1	3.0	4.4	1.0	0.7	0.4
Apparel & Related Products	122.4	4.9	5.3	4.1	2.4	2.8	3.0	2.2	2.0	0.8
Paper & Allied Products	44.8	2.9	3.2	2.9	2.2	2.8	1.9	0.5	0.2	0.8
Printing & Publishing	70.9	2.7	2.8	2.7	2.3	2.3	2.2	0.4	0.4	0.4
Chemicals & Allied Products	61.4	1.8	2.0	2.0	1.4	1.5	1.6	0.3	0.3	0.3
Petroleum & Coal Products	17.1	1.1	1.7	1.1	0.9	1.4	1.0	0.1	0.2	0.1
Rubber & Plastics Products	40.8	3.5	3.5	4.5	2.3	2.4	3.0	0.8	0.6	1.2
Leather & Leather Products	16.7	5.5	6.2	6.7	4.7	4.6	4.9	0.3	1.1	1.5

Industry	Employment (Thousands)	Separation Rates: Total Oct. 1979	Total Sept. 1979	Total Oct. 1978	Quits Oct. 1979	Quits Sept. 1979	Quits Oct. 1978	Layoffs Oct. 1979	Layoffs Sept. 1979	Layoffs Oct. 1978
All Manufacturing	1,372.6	3.1	3.5	3.0	1.1	1.6	1.3	1.3	1.2	1.0
Durable Goods	847.9	2.8	3.0	2.3	0.9	1.2	0.9	1.2	1.0	0.7
Furniture & Fixtures	20.9	4.1	6.0	5.4	2.0	3.1	3.2	1.0	1.4	0.9
Stone, Clay & Glass Products	63.1	3.5	3.0	2.6	0.7	1.3	0.8	2.1	1.1	1.2
Primary Metal Industries	202.2	2.9	3.4	2.2	0.5	1.0	0.5	1.7	1.6	1.0
Fabricated Metal Products	114.9	2.9	3.0	2.9	0.9	1.2	1.0	1.2	1.1	1.0
Machinery, exc. Electrical	141.3	1.6	2.0	1.5	0.8	0.9	0.8	0.3	0.5	0.3
Electric & Electronic Equip.	128.6	2.0	2.3	2.2	0.7	1.2	0.8	0.7	0.4	0.6
Transportation Equipment	88.9	3.5	3.1	2.1	0.9	1.0	0.7	1.4	1.2	0.4
Instruments & Related Products	39.5	1.7	3.0	1.4	0.8	1.1	0.9	0.5	1.0	0.2
Miscellaneous Manufacturing	26.9	4.5	3.8	2.9	2.6	2.0	1.4	0.8	1.0	1.0
Nondurable Goods	524.7	3.7	4.4	3.9	1.6	2.3	2.0	1.5	1.5	1.3
Food & Kindred Products	98.9	4.7	5.0	5.2	1.9	2.5	2.4	1.8	1.8	2.1
Textile Mill Products	48.2	4.0	4.9	4.5	2.2	3.1	3.1	1.2	1.3	0.8
Apparel & Related Products	122.4	5.0	5.5	4.8	1.8	2.3	2.3	2.5	2.5	1.8
Paper & Allied Products	44.8	3.0	4.4	2.9	1.2	2.7	1.2	1.1	1.0	1.1
Printing & Publishing	70.9	2.2	2.7	2.4	1.3	1.8	1.4	0.6	0.6	0.7
Chemicals & Allied Products	61.4	1.6	2.5	1.8	0.7	1.2	0.7	0.5	0.8	0.7
Petroleum & Coal Products	17.1	1.2	1.8	1.5	0.3	1.1	0.5	0.5	0.1	0.5
Rubber & Plastics Products	40.8	3.8	4.4	3.1	1.2	2.3	1.6	1.3	1.2	0.8
Leather & Leather Products	16.7	6.9	8.0	8.4	4.3	6.0	5.2	1.7	1.[illegible]	2.3

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Nov. 1979	Oct. 1979	Nov. 1978	Oct. 1979	Nov. 1978
	TOTAL MANUFACTURING INDUSTRIES	1,368.6	1,372.6	1,375.3	-4.0	-6.7
	TOTAL DURABLE GOODS	845.2	847.9	836.8	-2.7	8.4
24	Lumber & wood products	21.1	21.6	22.0	-0.5	-0.9
243	Millwork, plywood & structural	7.1	7.1	7.3	0.0	-0.2
	Other lumber & wood products	14.0	14.5	14.7	-0.5	-0.7
25	Furniture & fixtures	20.8	20.9	20.7	-0.1	0.1
251	Household furniture	10.2	10.3	9.8	-0.1	0.4
252	Office furniture	4.8	4.8	5.2	0.0	-0.4
	Other furniture & fixtures	5.8	5.8	5.7	0.0	0.1
32	Stone, clay & glass products	62.6	63.1	64.6	-0.5	-2.0
322	Glass & glassware, pressed or blown	16.7	16.7	17.6	0.0	-0.9
3221	Glass containers	8.9	9.1	9.8	-0.2	-0.9
3229	Other pressed or blown glass	7.8	7.6	7.8	0.2	0.0
324	Hydraulic cement	3.3	3.2	3.4	0.1	-0.1
325	Structural clay products	6.4	6.4	6.5	0.0	-0.1
326	Pottery & related products	4.4	4.4	4.4	0.0	0.0
327	Concrete, gypsum & plaster products	8.9	9.1	8.8	-0.2	0.1
	Other stone, clay & glass products	22.9	23.3	23.9	-0.4	-1.0
33	Primary metal industries	202.2	202.2	200.3	0.0	1.9
331	Blast furnace & basic steel products	151.1	150.9	150.6	0.2	0.5
3312	Blast furnaces & steel mills	137.7	137.6	137.6	0.1	0.1
	Other basic steel products	13.4	13.3	13.0	0.1	0.4
332	Iron & steel foundries	20.4	20.6	20.5	-0.2	-0.1
3321	Gray iron foundries	8.0	8.2	8.2	-0.2	-0.2
3325	Steel foundries, n.e.c.	7.5	7.4	7.3	0.1	0.2
3322,4	Malleable iron & steel invest.	4.9	5.0	5.0	-0.1	-0.1
335	Nonferrous rolling & drawing	13.3	13.2	13.0	0.1	0.3
336	Nonferrous foundries	7.7	7.9	7.6	-0.2	0.1
	Other primary metal products	9.7	9.6	8.6	0.1	1.1
34	Fabricated metal products,(incl. ordnance)	114.5	114.9	114.0	-0.4	0.5
341	Metal cans & shipping containers	4.8	4.6	5.0	0.2	-0.2
342	Cutlery, hand tools & hardware	7.5	7.5	8.0	0.0	-0.5
343	Plumbing & heating exc. electrical	3.1	3.0	3.0	0.1	0.1
344	Fabricated structural metal products	36.7	37.4	36.9	-0.7	-0.2
3441	Fabricated structural metal	9.6	9.5	9.3	0.1	0.3
3443	Fabricated plate work (boiler shops)	10.9	10.8	10.6	0.1	0.3
	Other fabricated struct. metal products	16.2	17.1	17.0	-0.9	-0.8
345	Screw machine products, bolts, etc.	9.0	8.9	8.2	0.1	0.8
346	Metal forgings & stampings	20.7	20.7	21.2	0.0	-0.5
3462	Iron & steel forgings	6.3	6.3	5.8	0.0	0.5
	Other metal forgings & stampings	14.4	14.4	15.4	0.0	-1.0
347,8	Metal services & ordnance, n.e.c.	8.3	8.1	8.3	0.2	0.0
349	Misc. fabricated metal products	24.4	24.7	23.4	-0.3	1.0
3494	Valves & pipe fittings	11.0	11.0	10.4	0.0	0.6
	Other misc. fabricated metal products	13.4	13.7	13.0	-0.3	0.4
35	Machinery, exc. electrical	140.0*	141.3	138.4	-1.3	1.6
351	Engines & turbines	7.7	7.7	7.9	0.0	-0.2
352	Farm & garden machinery	4.5	4.4	4.2	0.1	0.3
353	Construction & related machinery	23.5*	26.4	26.0	-2.9	-2.5
3531	Construction machinery	6.9	10.0	10.0	-3.1	-3.1
3535	Conveyors & conveying equipment	3.4	3.5	3.6	-0.1	-0.2
	Other construction & related machinery	13.2	12.9	12.4	0.3	0.8
354	Metal working machinery	21.8	21.8	21.6	0.0	0.2
355	Special industry machinery	15.2	15.1	14.6	0.1	0.6
356	General industrial machinery	29.6	29.2	29.4	0.4	0.2
3561	Pumps & pumping equipment	3.8	3.6	3.7	0.2	0.1
3562	Ball & roller bearings	4.3	4.4	4.2	-0.1	0.1
3563	Air & gas compressors	5.4	5.2	5.5	0.2	-0.1
3567	Industrial furnaces & ovens	4.0	4.1	4.0	-0.1	0.0
	Other general industrial machinery	12.1	11.9	12.0	0.2	0.1

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(cont.)
Industry Detail
(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Nov. 1979	Oct. 1979	Nov. 1978	Oct. 1979	Nov. 1978
357	Office and computing machines	11.8	11.6	11.8	0.2	0.0
358	Refrigeration & service industry machinery	12.0	11.4	9.6	0.6	2.4
359	Misc. machinery, exc. electrical	13.9	13.7	13.3	0.2	0.6
36	Electric & electronic equipment	128.9	128.6	125.9	0.3	3.0
361	Electric distributing equipment	19.0	19.0	20.0	0.0	-0.1
3612	Transformers	6.3	6.3	6.5	0.0	-0.2
3613	Switchgear & switchboard apparatus	12.7	12.7	13.5	0.0	-0.8
362	Electrical industrial apparatus	23.4	23.3	23.6	0.1	-0.2
363	Household appliances	4.5	4.5	4.8	0.0	-0.3
364	Electric lighting & wiring equipment	23.2	22.9	22.4	0.3	0.8
3643	Current-carrying wiring devices	11.3	11.2	10.9	0.1	0.4
	Other electric light & wiring equipment	11.9	11.7	11.5	0.2	0.4
366	Communication equipment	9.4	9.7	8.5	-0.3	0.9
367	Electronic components & accessories	36.3	36.1	34.1	0.2	2.2
3674	Semiconductors & related devices	12.1	12.0	10.8	0.1	1.3
	Other electronic components & accessories	24.2	24.1	23.3	0.1	0.9
	Other electrical equipment & supplies	13.1	13.1	12.5	0.0	0.6
37	Transportation equipment	89.1	88.9	84.4	0.2	4.7
371	Motor vehicles & equipment	31.8	31.6	29.8	0.2	2.0
3714	Motor vehicle parts & accessories	11.7	11.4	12.0	0.3	-0.3
	Other motor vehicles & equipment	20.1	20.2	17.8	0.1	2.3
372	Aircraft & parts	12.1	12.0	11.2	0.1	0.9
373	Ship & boat building & repairing	8.6	8.5	7.4	0.1	1.2
374	Railroad equipment	24.2	24.2	23.4	0.0	0.8
	Other transportation equipment	12.4	12.6	12.6	-0.2	-0.2
38	Instruments & related products	39.6	39.5	38.8	0.1	0.8
382	Measuring & controlling devices	21.3	21.2	20.8	0.1	0.5
384	Medical instruments & supplies	11.2	11.2	10.9	0.0	0.3
	Other instruments & related products	7.1	7.1	7.1	0.0	0.0
39	Miscellaneous manufacturing industries	26.4	26.9	27.7	-0.5	-1.3
	TOTAL NONDURABLE GOODS	523.4	524.7	538.5	-1.3	-15.1
20	Food & kindred products	97.9	98.9	99.9	-1.0	-2.0
201	Meat products	15.6	15.5	15.3	0.1	0.3
2011	Meat packing plants	4.9	4.9	4.9	0.0	0.0
2013	Sausages & other prepared meats	5.7	5.6	5.6	0.1	0.1
2016,7	Poultry dressing & processing	5.0	5.0	4.8	0.0	0.2
202	Dairy products	10.9	11.2	11.6	-0.3	-0.7
2026	Fluid milk	6.6	6.6	6.8	0.0	-0.2
	Other dairy products	4.3	4.6	4.8	-0.3	-0.5
203	Preserved fruits & vegetables	14.6	15.0	14.5	-0.4	0.1
2033	Canned fruits & vegetables	6.8	7.1	6.9	-0.3	-0.1
	Other preserved fruits & vegetables	7.8	7.9	7.6	-0.1	0.2
204	Grain mill products	4.3	4.2	4.7	0.1	-0.4
205	Bakery products	19.9	19.8	20.6	0.1	-0.7
2051	Bread, cake & related products	15.1	15.0	15.7	0.1	-0.6
2052	Cookies & crackers	4.8	4.8	4.9	0.0	-0.1
206	Sugar & confectionery products	14.9	15.4	15.2	-0.5	-0.3
2065	Confectionery products	5.9	6.4	6.2	-0.5	-0.3
2066	Chocolate & cocoa products	6.5	6.5	6.1	0.0	0.4
	Other sugar products	2.5	2.5	2.9	0.0	-0.4
208	Beverages	9.3	9.3	9,6	0.0	-0.3
	Other food & kindred products	8.4	8.5	8.4	-0.1	0.0
21	Tobacco manufacturers	3.5	3.5	4.2	0.0	-0.7
22	Textile mill products	48.3	48.2	51.2	0.1	-2.9
222	Weaving mills, synthetics	4.3	4.3	4.5	0.0	-0.2
225	Knitting mills	25.0	24.9	26.8	0.1	-1.8
2253	Knit outerwear mills	13.6	13.6	14.9	0.0	-1.3
2254	Knit underwear mills	4.7	4.6	5.0	0.1	-0.3
	Other knitting mills	6.7	6.7	6.9	0.0	-0.2
227	Floor covering mills	4.0	4.0	4.2	0.0	-0.2
228	Yarn & thread mills	4.7	4.8	5.2	-0.1	-0.5
	Other textile mill products	10.3	10.2	10.5	0.1	-0.2

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(concl.)
Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Nov. 1979	Oct. 1979	Nov. 1978	Oct. 1979	Nov. 1978
23	Apparel & other textile products	121.9	122.4	132.5	-0.5	-10.6
231	Mens & boys suits & coats	14.4	14.7	17.0	-0.3	-2.6
232	Mens & boys furnishings	24.1	24.0	25.2	0.1	-1.1
2321	Mens & boys shirts & nightwear	9.5	9.5	9.9	0.0	-0.4
2327	Mens & boys separate trousers	5.8	5.8	6.1	0.0	-0.3
	Other furnishings and work clothing	8.8	8.7	9.2	0.1	-0.4
233	Womens & misses outerwear	54.5	54.6	60.0	-0.1	-5.5
234	Women & childrens undergarments	10.4	10.4	10.6	0.0	-0.2
236	Childrens outerwear	6.7	6.7	7.3	0.0	-0.6
	Other apparel & textile products	11.8	12.0	12.4	-0.2	-0.6
26	Paper & allied products	44.5	44.8	44.7	-0.3	-0.2
262	Paper mills exc. building paper	11.4	11.3	11.6	0.1	-0.2
265	Paper board containers & boxes	16.3	16.5	16.2	-0.2	0.1
2653	Corrugated & solid fiber boxes	8.4	8.4	8.3	0.0	0.1
	Other paperboard containers	7.9	8.1	7.9	-0.2	0.0
	Other paper & allied products	16.8	17.0	16.9	-0.2	-0.1
27	Printing & publishing	71.5	70.9	69.8	0.6	1.7
271	Newspapers	25.8	25.5	25.2	0.3	0.6
273	Books	8.3	8.0	7.9	0.3	0.4
275	Commercial printing	20.0	20.1	19.9	-0.1	0.1
2752	Lithographing	10.1	10.2	9.9	-0.1	0.2
	Other commercial printing	9.9	9.9	10.0	0.0	-0.1
276	Manifold business forms	3.8	3.8	3.6	0.0	0.2
	Other printing & publishing	13.6	13.5	13.2	0.1	0.4
28	Chemicals & allied products	61.3	61.4	60.0	-0.1	1.3
281	Industrial inorganic chemicals	11.2	11.1	10.6	0.1	0.6
282	Plastic materials & synthetics	8.5	8.5	8.5	0.0	0.0
283	Drugs	17.4	17.6	17.1	-0.2	0.3
284	Soap, cleaners & toliet goods	3.2	3.2	3.3	0.0	-0.1
285	Paints & allied products	4.3	4.3	4.1	0.0	0.2
	Other chemical & allied products	16.7	16.7	16.4	0.0	0.3
29	Petroleum & coal products	17.2	17.1	16.9	0.1	0.3
291	Petroleum refining	13.4	13.3	13.1	0.1	0.3
	Other petroleum & coal products	3.8	3.8	3.8	0.0	0.0
30	Rubber & misc. plastic products	40.8	40.8	40.9	0.0	-0.1
301	Tires & inner tubes	7.9	7.9	8.0	0.0	-0.1
306	Fabricated rubber products	5.5	5.7	5.3	-0.2	0.2
	Other rubber & plastic products, n.e.c.	27.4	27.2	27.6	0.2	-0.2
31	Leather & leather products	16.5	16.7	18.4	-0.2	-1.9
314	Footwear, exc. rubber	12.6	12.6	14.4	0.0	-1.8
3143	Mens footwear, exc. athletic	4.3	4.4	5.4	-0.1	-1.1
3144	Womens footwear, exc. athletic	4.4	4.3	5.1	0.1	-0.7
	Other footwear	3.9	3.9	3.9	0.0	0.0
	Other leather & leather products	3.9	4.1	4.0	-0.2	-0.1

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978
TOTAL MANUFACTURING INDUSTRIES	$294.35	$284.57	$270.50	40.6	39.8	40.8	$7.25	$7.15	$6.63
TOTAL DURABLE GOODS	334.36	323.05	307.22	41.9	41.1	42.2	7.98	7.86	7.28
Lumber & wood products	205.93	201.11	197.47	39.3	38.9	40.3	5.24	5.17	4.90
Millwork, plywood & structural	217.01	207.44	209.61	39.6	38.6	41.1	5.48	5.40	5.10
Other lumber & wood products	199.80	197.46	191.52	39.1	39.1	39.9	5.11	5.05	4.80
Furniture & fixtures	231.45	225.42	218.43	39.7	39.0	40.3	5.83	5.78	5.42
Household furniture	209.48	200.59	200.38	39.9	38.5	40.4	5.25	5.21	4.96
Office furniture	249.85	243.59	229.68	39.1	38.3	39.6	6.39	6.36	5.80
Other furniture & fixtures	256.96	256.37	241.35	39.9	40.5	40.7	6.44	6.33	5.93
Stone, clay & glass products	322.15	310.73	288.96	43.7	42.8	43.0	7.38	7.26	6.72
Glass & glassware, pressed or blown	307.64	284.42	276.97	42.2	40.4	41.4	7.29	7.04	6.69
Glass containers	298.96	298.96	286.09	40.4	40.4	42.7	7.40	7.40	6.70
Other pressed or blown glass	316.64	266.79	266.53	44.1	40.3	39.9	7.18	6.62	6.68
Hydraulic cement	403.60	383.50	381.70	40.4	39.7	42.6	9.99	9.66	8.96
Structural clay products	274.03	272.33	248.47	41.9	41.2	40.6	6.54	6.61	6.12
Pottery & related products	283.18	276.49	269.17	43.3	42.8	45.7	6.54	6.46	5.89
Concrete, gypsum & plaster prods.	293.01	291.04	266.22	42.9	42.8	42.8	6.83	6.80	6.22
Other stone, clay & glass prods.	365.19	359.75	315.00	47.0	46.6	45.0	7.77	7.72	7.00
Primary metal industries	424.27	397.39	381.38	42.3	40.8	42.9	10.03	9.74	8.89
Blast furnace & basic steel prods.	460.04	426.71	410.31	42.4	40.6	43.1	10.85	10.51	9.52
Blast furnaces & steel mills	467.58	431.21	415.27	42.2	40.3	42.9	11.08	10.70	9.68
Other basic steel products	385.76	379.75	361.04	44.7	43.7	45.3	8.63	8.69	7.97
Iron & steel foundries	310.23	304.07	285.93	40.5	39.8	40.5	7.66	7.64	7.06
Gray iron foundries	298.15	302.88	284.83	40.4	40.6	41.4	7.38	7.46	6.88
Steel foundries, n.e.c.	311.62	304.20	283.28	39.9	39.0	38.7	7.81	7.80	7.32
Malleable iron & steel invest.	327.47	306.48	292.02	41.4	39.7	42.2	7.91	7.72	6.92
Nonferrous rolling & drawing	335.33	327.33	317.25	42.5	42.4	45.0	7.89	7.72	7.05
Nonferrous foundries	303.79	309.06	276.69	43.9	43.9	43.3	6.92	7.04	6.39
Other primary metal products	332.05	319.20	293.51	42.9	42.0	42.6	7.74	7.60	6.89
Fabricated metal prods., incl. ordn.	301.35	292.66	280.57	41.0	40.2	41.2	7.35	7.28	6.81
Metal cans & shipping containers	361.18	310.34	331.87	44.1	38.6	43.1	8.19	8.04	7.70
Cutlery, hand tools & hardware	236.93	236.12	211.68	38.4	38.9	37.8	6.17	6.07	5.60
Plumbing & heating exc. electrical	310.07	294.25	261.19	45.8	43.4	43.1	6.77	6.78	6.06
Fabricated structural metal prods.	297.36	289.46	269.57	41.3	41.0	41.6	7.20	7.06	6.48
Fabricated struct. metal	281.95	273.14	301.85	35.2	34.1	40.3	8.01	8.01	7.49
Fab. plate work (boiler shops)	331.59	319.34	274.99	45.8	44.6	42.9	7.24	7.16	6.41
Other fab. struct. metal prods.	283.66	280.08	241.78	41.9	42.5	41.4	6.77	6.59	5.84
Screw machine products, bolts, etc.	270.68	280.57	262.92	40.1	40.9	41.8	6.75	6.86	6.29
Metal forgings & stampings	364.50	353.63	357.36	40.5	39.6	42.9	9.00	8.93	8.33
Iron & steel forgings	326.66	312.98	311.32	42.7	41.4	43.0	7.65	7.56	7.24
Other metal forgings & stampings	376.75	367.38	372.79	39.7	39.0	42.8	9.49	9.42	8.71
Metal services & ordnance, n.e.c.	276.89	265.84	244.84	40.9	39.5	39.3	6.77	6.73	6.23
Misc. fabricated metal products	280.98	274.00	262.25	41.2	40.0	40.1	6.82	6.85	6.54
Valves & pipe fittings	295.64	282.17	268.00	42.6	40.6	40.3	6.94	6.95	6.65
Other misc. fab. metal products	270.55	267.42	257.75	40.2	39.5	39.9	6.73	6.77	6.46
Machinery, exc. electrical	328.97	321.73	304.72	43.4	42.5	43.1	7.58	7.57	7.07
Engines & turbines	285.92	252.96	297.25	38.9	34.7	41.4	7.35	7.29	7.18
Farm & garden machinery	426.45	404.02	349.86	49.3	47.7	46.4	8.65	8.47	7.54
Construction & related machinery	303.86	328.00	322.93	40.3	41.0	43.0	7.54	8.00	7.51
Construction machinery	250.80	329.26	338.84	36.4	40.4	43.0	6.89	8.15	7.88
Conveyors & conveying equipment	264.26	261.20	281.66	40.1	40.0	43.6	6.59	6.53	6.46
Other constr. & related mach.	336.29	336.94	316.91	42.3	41.7	43.0	7.95	8.08	7.37
Metal working machinery	325.99	312.42	315.01	40.8	39.9	42.8	7.99	7.83	7.36
Special industry machinery	325.30	310.75	279.14	43.2	41.6	41.6	7.53	7.47	6.71
General industrial machinery	360.79	341.86	307.82	47.1	45.4	44.1	7.66	7.53	6.98
Pumps & pumping equipment	348.10	323.67	293.51	44.8	42.2	43.1	7.77	7.67	6.81
Ball & roller bearings	340.96	341.60	322.94	46.2	46.1	43.7	7.38	7.41	7.39
Air & gas compressors	420.00	378.18	300.84	52.5	49.5	43.6	8.00	7.64	6.90
Industrial furnaces & ovens	311.81	298.10	282.71	40.6	39.8	40.1	7.68	7.49	7.05
Other general industrial mach.	361.76	343.96	312.81	47.6	45.8	45.4	7.60	7.51	6.89
Office and computing machines	352.34	357.50	320.16	44.6	45.6	43.5	7.90	7.84	7.36
Refrigeration & serv. ind. mach.	281.66	272.42	238.10	43.2	42.9	40.7	6.52	6.35	5.85
Misc. machinery, exc. electrical	319.01	316.10	288.20	43.7	43.6	43.8	7.30	7.25	6.58

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(cont.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978
Electrical & electronic equipment	$281.26	$273.91	$263.54	41.0	40.4	41.7	$6.86	$6.78	$6.32
Electric distributing equipment	317.68	316.09	317.46	41.8	41.7	42.9	7.60	7.58	7.40
Transformers	301.35	301.76	313.35	41.0	41.0	44.7	7.35	7.36	7.01
Switchgear & switchbrd apparatus	325.78	322.98	320.46	42.2	42.0	42.0	7.72	7.69	7.63
Electrical industrial apparatus	279.00	271.56	279.30	39.8	39.3	42.0	7.01	6.91	6.65
Household appliances	239.76	238.74	244.55	34.9	34.6	39.7	6.87	6.90	6.16
Electric lighting & wiring equip.	272.85	266.27	243.90	42.5	41.8	41.2	6.42	6.37	5.92
Current-carrying wiring devices	286.97	280.28	241.49	44.7	44.0	41.0	6.42	6.37	5.89
Other elect lght & wirng equip.	263.86	257.35	246.33	41.1	40.4	41.4	6.42	6.37	5.95
Communication equipment	333.80	320.21	259.85	42.2	41.0	38.9	7.91	7.81	6.68
Electronic components & access.	279.12	271.75	246.69	42.1	41.3	41.6	6.63	6.58	5.93
Semiconductors & related devices	376.59	369.41	312.80	45.1	44.4	42.5	8.35	8.32	7.36
Other electronic comp.& access.	232.40	225.27	212.08	40.7	39.8	41.1	5.71	5.66	5.16
Other electrical equip. & supplies	248.06	235.98	237.73	38.4	38.0	42.3	6.46	6.21	5.62
Transportation equipment	351.49	355.28	338.55	41.4	41.7	42.8	8.49	8.52	7.91
Motor vehicles & equipment	352.96	369.77	378.61	40.2	41.5	44.7	8.78	8.91	8.47
Motor vehicle parts & access.	362.23	372.12	383.11	40.7	42.0	45.5	8.90	8.86	8.42
Other motor vehicles & equip.	347.13	367.85	374.88	39.9	41.1	44.0	8.70	8.95	8.52
Aircraft & parts	358.28	349.03	292.64	42.4	41.9	39.6	8.45	8.33	7.39
Ship & boat building & repairing	339.55	336.71	309.54	43.2	42.3	42.0	7.86	7.96	7.37
Railroad equipment	368.34	362.50	325.20	40.7	40.1	40.0	9.05	9.04	8.13
Other transportation equipment	306.20	307.13	305.50	44.7	45.5	47.0	6.85	6.75	6.50
Instruments & related products	277.20	268.79	257.92	42.0	41.1	41.6	6.60	6.54	6.20
Measuring & controlling devices	297.90	291.55	276.05	43.3	42.5	42.6	6.88	6.86	6.48
Medical instruments & supplies	255.02	236.40	242.35	41.4	39.4	40.8	6.16	6.00	5.94
Other instruments & related prods.	249.31	252.73	227.48	39.2	39.8	39.7	6.36	6.35	5.73
Misc. manufacturing industries	272.83	264.14	247.66	41.4	40.7	40.6	6.59	6.49	6.10
TOTAL NONDURABLE GOODS	230.02	224.37	213.84	38.4	37.9	38.6	5.99	5.92	5.54
Food & kindred products	260.89	248.77	250.69	40.7	39.3	41.3	6.41	6.33	6.07
Meat products	284.27	270.03	247.63	43.6	41.8	41.9	6.52	6.46	5.91
Meat packing plants	314.93	303.46	286.33	42.5	41.4	42.8	7.41	7.33	6.69
Sausages & other prepared meats	314.00	289.11	269.89	41.1	38.6	39.4	7.64	7.49	6.85
Poultry dressing & processing	226.54	220.05	194.02	47.0	45.0	43.6	4.82	4.89	4.45
Dairy products	279.97	271.58	252.34	41.6	40.9	40.7	6.73	6.64	6.20
Fluid milk	293.14	278.12	256.65	42.3	40.9	41.8	6.93	6.80	6.14
Other dairy products	269.62	266.26	248.75	41.1	40.9	39.8	6.56	6.51	6.25
Preserved fruits & vegetables	212.04	206.09	204.09	38.0	37.0	39.4	5.58	5.57	5.18
Canned fruits & vegetables	173.70	181.79	161.45	36.8	37.1	37.9	4.72	4.90	4.26
Other preserved fruits & vegs.	249.07	230.88	244.80	39.1	37.0	40.8	6.37	6.24	6.00
Grain mill products	283.16	262.54	270.50	42.2	39.9	40.8	6.71	6.58	6.63
Bakery products	247.20	242.09	257.88	40.0	39.3	42.0	6.18	6.16	6.14
Bread, cake & related products	250.10	244.83	234.82	39.2	38.8	39.4	6.38	6.31	5.96
Cookies & crackers	239.93	236.52	313.63	41.8	40.5	48.4	5.74	5.84	6.48
Sugar & confectionery products	259.58	244.40	256.00	38.4	37.2	40.7	6.76	6.57	6.29
Confectionery products	213.16	197.46	209.88	36.5	34.4	39.6	5.84	5.74	5.30
Chocolate & cocoa products	287.52	271.72	259.10	40.1	39.9	39.8	7.17	6.81	6.51
Other sugar products	313.21	307.93	333.71	39.2	38.3	44.2	7.99	8.04	7.55
Beverages	334.84	307.32	339.01	42.6	39.4	43.8	7.86	7.80	7.74
Other food & kindred products	250.10	229.70	226.42	43.8	40.8	42.4	5.71	5.63	5.34
Tobacco manufacturers	165.59	160.51	148.18	38.6	38.4	39.2	4.29	4.18	3.78
Textile mill products	187.98	185.85	170.37	39.0	38.8	38.2	4.82	4.79	4.46
Weaving mills, snythetics	221.82	225.18	190.81	44.1	45.4	41.3	5.03	4.96	4.62
Knitting mills	171.46	169.63	155.86	37.6	37.2	36.5	4.56	4.56	4.27
Knit outerwear mills	171.38	169.88	151.94	38.0	37.5	35.5	4.51	4.53	4.28
Knit underwear mills	150.12	146.26	139.83	36.0	35.5	36.7	4.17	4.12	3.81
Other knitting mills	187.72	185.60	178.48	38.0	37.8	38.8	4.94	4.91	4.60
Floor covering mills	232.26	232.26	234.46	39.3	39.5	43.1	5.91	5.88	5.44
Yarn & thread mills	173.12	170.50	150.33	38.3	38.4	36.4	4.52	4.44	4.13
Other textile mill products	207.57	203.09	189.54	40.7	39.9	40.5	5.10	5.09	4.68

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

(concl.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978
Apparel & other textile products	$150.09	$148.98	$144.33	32.7	32.6	33.8	$4.59	$4.57	$4.27
Mens & boys suits & coats	203.44	191.39	199.35	36.2	34.3	37.9	5.62	5.58	5.26
Mens & boys furnishings	159.07	156.17	144.14	36.4	35.9	34.9	4.37	4.35	4.13
Mens & boys shirts & nightwear	152.77	152.60	146.83	35.2	35.0	35.9	4.34	4.36	4.09
Mens & boys separate trousers	168.67	170.19	151.60	33.6	33.7	33.1	5.02	5.05	4.58
Other furnishings & wrk. clothng	159.57	150.51	135.87	39.4	38.2	35.2	4.05	3.94	3.86
Womens & misses outerwear	139.50	141.64	134.93	30.0	30.2	31.6	4.65	4.69	4.27
Women & childrens undergarments	129.07	129.62	132.49	33.7	34.2	36.1	3.83	3.79	3.67
Childrens outerwear	128.10	129.48	128.22	30.0	31.2	34.1	4.27	4.15	3.76
Other apparel & textile products	146.12	143.87	132.99	34.3	34.5	34.1	4.26	4.17	3.90
Paper & allied products	305.24	295.91	284.20	45.9	44.7	45.4	6.65	6.62	6.26
Paper mills exc. building paper	393.47	392.30	354.35	49.0	47.9	47.5	8.03	8.19	7.46
Paper board containers & boxes	291.02	276.05	261.79	43.5	41.7	43.2	6.69	6.62	6.06
Corrugated & solid fiber boxes	297.36	294.17	276.36	41.3	40.8	42.0	7.20	7.21	6.58
Other paperboard containers	284.88	257.30	246.98	45.8	42.6	44.5	6.22	6.04	5.55
Other paper & allied products	273.20	265.88	264.84	46.7	46.0	46.3	5.85	5.78	5.72
Printing & publishing	274.53	265.70	253.31	37.3	36.8	36.5	7.36	7.22	6.94
Newspapers	294.95	284.69	271.89	34.7	34.3	34.2	8.50	8.30	7.95
Books	217.01	214.72	206.07	34.5	34.3	35.9	6.29	6.26	5.74
Commercial printing	290.47	278.02	255.43	39.2	38.4	36.7	7.41	7.24	6.96
Lithographing	273.79	278.46	249.38	38.4	39.0	36.3	7.13	7.14	6.87
Other commercial printing	307.20	278.57	261.18	40.0	37.9	37.1	7.68	7.35	7.04
Manifold business forms	290.29	288.46	285.18	40.6	40.8	42.0	7.15	7.07	6.79
Other printing & publishing	263.58	253.80	250.13	38.2	37.6	37.5	6.90	6.75	6.67
Chemicals & allied products	308.90	304.61	284.93	42.2	41.9	42.4	7.32	7.27	6.72
Industrial inorganic chemicals	344.54	335.10	311.19	46.0	44.8	45.1	7.49	7.48	6.90
Plastic materials & synthetics	309.14	308.92	279.84	41.0	41.3	42.4	7.54	7.48	6.60
Drugs	288.99	292.04	269.79	39.0	39.2	39.5	7.41	7.45	6.83
Soap, cleaners & toliet goods	288.19	265.21	281.46	45.1	41.7	46.6	6.39	6.36	6.04
Paints & allied products	265.88	265.78	253.92	39.1	39.2	39.8	6.80	6.78	6.38
Other chemical & allied products	319.73	313.05	297.60	43.5	43.6	43.7	7.35	7.18	6.81
Petroleum & coal products	412.10	400.15	369.79	44.6	43.4	43.2	9.24	9.22	8.56
Petroleum refining	432.17	422.39	387.96	44.6	43.5	42.4	9.69	9.71	9.15
Other petroleum & coal products	337.18	319.49	314.65	44.6	43.0	45.8	7.56	7.43	6.87
Rubber & misc. plastic products	240.16	235.22	239.10	39.5	39.4	41.8	6.08	5.97	5.72
Tires & inner tubes	385.82	371.68	379.82	44.5	44.3	48.2	8.67	8.39	7.88
Fabricated rubber products	277.13	269.03	254.15	43.1	42.3	42.5	6.43	6.36	5.98
Other rubber & plastic prods.,nec	197.17	194.53	198,80	37.7	37.7	40.0	5.23	5.16	4.97
Leather & leather products	165.09	164.67	148.99	39.4	39.3	38.4	4.19	4.19	3.88
Footwear, exc. rubber	150.46	148.90	132.86	37.9	37.6	36.3	3.97	3.96	3.66
Mens footwear, exc. athletic	163.21	165.65	148.88	40.7	40.9	40.9	4.01	4.05	3.64
Womens footwear, exc. athletic	148.93	145.47	119.97	37.8	37.3	32.6	3.94	3.90	3.68
Other footwear	137.51	134.01	127.00	34.9	34.1	34.7	3.94	3.93	3.66
Other leather & leather products	211.20	212.27	207.01	44.0	44.5	45.9	4.80	4.77	4.51
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	367.08	368.64	316.76	48.3	48.0	41.9	7.60	7.68	7.56
Bituminous coal & lignite mining	373.53	360.97	383.53	34.3	33.3	38.2	10.89	10.84	10.04
Nonmetallic minerals, exc. fuels	338.92	333.96	333.11	46.3	46.0	48.7	7.32	7.26	6.84
Communication	366.13	365.56	331.28	41.7	41.4	41.0	8.78	8.83	8.08
Electric, gas, & sanitary services	408.12	413.54	379.85	45.6	46.0	44.9	8.95	8.99	8.46
Electric services	427.68	424.72	391.27	48.0	48.1	47.6	8.91	8.83	8.22
Gas production & distribution	350.67	355.72	229.45	43.4	43.7	42.4	8.08	8.14	7.77
General merchandise stores	127.68	127.76	119.51	27.4	27.3	27.6	4.66	4.68	4.33
Banking	175.32	172.99	155.98	INA	INA	INA	INA	INA	INA
Insurance carriers	209.84	209.85	195.48	INA	INA	INA	INA	INA	INA
Life insurance	196.87	198.13	183.31	INA	INA	INA	INA	INA	INA
Fire, marine & casualty ins.	211.52	212.63	198.23	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$154.42	39.8	$3.88	$172.61	41.0	$4.21	$130.60	38.3	$3.41	$191.83	40.3	$4.76
1973	167.23	40.2	4.16	187.17	41.5	4.51	139.03	38.3	3.63	212.38	41.4	5.13
1974	180.97	39.6	4.57	203.45	41.1	4.95	146.59	37.3	3.93	239.61	41.1	5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1978 Nov	270.50	40.8	6.63	307.22	42.2	7.28	213.84	38.6	5.54	381.38	42.9	8.89
Dec	270.95	40.5	6.69	306.08	41.7	7.34	216.55	38.6	5.61	368.87	41.4	8.91
1979 Jan	269.20	40.0	6.73	305.95	41.4	7.39	212.81	37.8	5.63	373.92	41.5	9.01
Feb	271.32	39.9	6.80	308.92	41.3	7.48	212.06	37.6	5.64	384.14	41.8	9.19
Mar	274.44	40.3	6.81	313.50	41.8	7.50	215.65	38.1	5.66	387.74	42.1	9.21
Apr	265.30	38.9	6.82	301.50	40.2	7.50	209.59	36.9	5.68	396.68	42.2	9.40
May	273.14	39.7	6.88	311.54	41.1	7.58	315.27	37.7	5.71	387.39	41.3	9.38
Jun	278.29	40.1	6.94	316.30	41.4	7.64	218.12	38.0	5.74	397.00	42.1	9.43
Jul	277.31	39.9	6.95	313.65	41.0	7.65	221.37	38.3	5.78	397.00	42.1	9.43
Aug	279.49	39.7	7.04	317.79	40.9	7.77	221.92	38.0	5.84	399.75	41.0	9.75
Sep	285.51	40.1	7.12	323.42	41.2	7.85	225.00	38.2	5.89	407.12	41.5	9.81
Oct	284.57	39.8	7.15	323.05	41.1	7.86	224.37	37.9	5.92	397.39	40.8	9.74
Nov	294.35	40.6	7.25	334.36	41.9	7.98	230.02	38.4	5.99	424.27	42.3	10.03

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$168.47	41.7	$4.04	$183.17	42.4	$4.32	$161.57	40.8	$3.96	$180.59	40.4	$4.47
1973	182.68	41.9	4.36	198.77	43.4	4.58	167.69	40.8	4.11	197.69	41.1	4.81
1974	196.24	41.4	4.74	209.78	42.9	4.89	175.96	39.9	4.41	215.54	40.9	5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1978 Nov	280.57	41.2	6.81	304.72	43.1	7.07	263.54	41.7	6.32	338.55	42.8	7.91
Dec	285.49	41.8	6.83	309.31	42.9	7.21	264.92	41.2	6.43	348.29	43.7	7.97
1979 Jan	278.94	40.9	6.82	302.74	42.4	7.14	259.84	40.6	6.40	345.06	42.6	8.10
Feb	281.11	40.8	6.89	306.00	42.5	7.20	260.58	40.4	6.45	339.81	41.9	8.11
Mar	287.04	41.3	6.95	310.17	42.9	7.23	264.68	41.1	6.44	341.88	42.0	3.14
Apr	261.23	38.7	6.75	286.63	40.2	7.13	250.63	39.1	6.41	311.65	39.4	7.91
May	288.23	41.0	7.03	303.47	41.8	7.26	261.55	40.3	6.49	333.33	41.0	8.13
Jun	288.36	40.5	7.12	309.33	42.2	7.33	264.31	40.6	6.51	334.15	41.0	8.15
Jul	282.80	40.0	7.07	303.99	41.7	7.29	260.95	39.9	6.54	334.55	40.7	8.22
Aug	283.60	40.0	7.09	312.28	42.2	7.40	256.71	39.8	6.45	341.04	40.6	8.40
Sep	286.80	40.0	7.17	318.33	42.5	7.49	271.62	40.3	6.74	350.26	41.5	8.44
Oct	292.66	40.2	7.28	321.73	42.5	7.57	273.91	40.4	6.78	355.28	41.7	8.52
Nov	301.35	41.0	7.35	328.97	43.4	7.58	281.26	41.0	6.86	351.49	41.4	8.49

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$149.48	40.4	$3.70	$113.08	39.4	$2.87	$ 94.24	33.9	$2.78	$170.33	38.8	$4.39
1973	158.36	40.5	3.91	120.43	39.1	3.08	99.71	33.8	2.95	180.81	38.8	4.66
1974	171.68	40.3	4.26	124.74	37.8	3.30	103.02	32.6	3.16	189.52	38.0	4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1978 Nov	250.69	41.3	6.07	170.37	38.2	4.46	144.33	33.8	4.27	253.31	36.5	6.94
Dec	250.69	41.3	6.07	175.11	39.0	4.49	143.05	33.5	4.27	268.88	37.5	7.17
1979 Jan	243.01	40.1	6.06	174.72	38.4	4.55	140.28	32.7	4.29	254.51	36.1	7.05
Feb	240.34	39.4	6.10	171.00	37.5	4.56	141.57	33.0	4.29	252.74	35.9	7.04
Mar	247.02	40.1	6.16	178.87	38.8	4.61	140.91	33.0	4.27	258.09	36.3	7.11
Apr	242.09	39.3	6.16	173.58	37.9	4.58	137.03	31.5	4.35	245.70	35.1	7.00
May	248.00	40.0	6.20	180.11	38.9	4.63	139.54	32.3	4.32	254.54	35.8	7.11
Jun	248.58	39.9	6.23	182.82	39.4	4.64	143.77	32.9	4.37	256.68	36.0	7.13
Jul	253.49	40.3	6.29	178.31	38.1	4.68	145.25	33.7	4.31	265.27	37.1	7.15
Aug	256.07	40.2	6.37	180.01	38.3	4.70	142.79	32.6	4.38	266.35	37.2	7.16
Sep	256.14	40.4	6.34	181.93	38.3	4.75	146.17	32.7	4.47	268.93	37.3	7.21
Oct	248.77	39.3	6.33	185.85	38.8	4.79	148.98	32.6	4.57	265.70	36.8	7.22
Nov	260.89	40.7	6.41	187.98	39.0	4.82	150.09	32.7	4.59	274.53	37.3	7.36

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1968	$119.20	40.0	$2.98	105.6	104.2	$114.40	$ 4.80
1969	127.52	40.1	3.18	112.7	109.8	116.14	11.38
1970	131.71	39.2	3.36	119.1	116.3	113.25	18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978
MANUFACTURING	993.8	996.1	997.9	40,300.8	39,669.7	40,680.1	292,185.4	283,440.7	269,518.5
DURABLE GOODS	608.0	608.9	599.3	25,485.2	25,007.5	25,300.0	203,495.4	196,653.3	184,265.8
NONDUR. GOODS	385.8	387.2	398.6	14,815.6	14,662.2	15,380.1	88,690.0	86,787.4	85,252.7

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Person's involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Group
(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1972	1,444.0	841.7	24.7	22.5	65.3	210.7	120.5	131.0
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.5	809.3	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,362.1	825.4	21.7	20.3	64.3	199.5	112.3	137.3
1978 Nov.	1,375.3	836.8	22.0	20.7	64.6	200.3	114.0	138.4
Dec.	1,371.2	837.0	21.4	20.9	63.8	201.4	114.5	138.7
1979 Jan.	1,364.3	835.0	20.8	20.7	62.2	201.7	114.5	140.6
Feb.	1,363.4	837.0	20.8	20.8	61.3	202.1	114.8	140.9
Mar.	1,365.4	837.3	21.1	20.3	62.0	201.7	114.6	140.8
Apr.	1,365.5	836.8	21.7	20.2	62.5	201.6	114.9	141.2
May	1,368.4	841.8	21.8	20.0	63.4	202.2	114.6	140.8
Jun.	1,387.3	854.2	22.1	20.4	65.1	206.8	115.4	141.8
Jul.	1,374.3	849.5	21.7	19.7	64.9	206.5	113.5	140.2
Aug.	1,367.8	839.2	22.0	20.5	64.4	206.8	114.8	137.7
Sep.	1,376.5	849.7	21.8	20.8	63.7	204.4	114.6	140.9
Oct.	1,372.6	847.9	21.6	20.9	63.1	202.2	114.9	141.3
Nov.	1,368.6	845.2	21.1	20.8	62.6	202.2	114.5	140.0 *

Year and Month	Electrical Equipment and Supplies	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1972	133.7	69.0	34.0	30.4	602.3	109.6	7.5	62.9
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.3	37.3	27.8	532.2	98.8	3.6	49.4
1978	124.6	80.6	38.3	26.6	536.7	98.1	4.1	50.6
1978 Nov.	125.9	84.4	38.8	27.7	538.5	99.9	4.2	51.2
Dec.	126.1	85.1	38.9	26.2	534.2	99.2	4.1	50.5
1979 Jan.	126.6	83.5	39.2	25.2	529.3	96.8	4.1	49.6
Feb.	126.6	84.6	39.5	25.6	526.4	94.1	4.0	49.1
Mar.	126.5	84.6	39.8	25.9	528.1	95.2	4.0	49.3
Apr.	127.4	81.3	39.9	26.1	528.7	95.6	3.9	49.1
May	127.6	85.5	39.9	26.0	526.6	94.6	3.9	49.2
Jun.	128.3	87.2	40.4	26.7	533.1	96.4	3.9	49.2
Jul.	129.3	87.2	40.0	26.5	524.8	96.5	3.8	47.8
Aug.	120.4	86.3	39.3	27.0	528.6	98.6	3.7	48.8
Sep.	129.1	88.2	39.4	26.8	526.8	98.9	3.6	48.4
Oct.	128.6	88.9	39.5	26.9	524.7	98.9	3.5	48.2
Nov.	128.9	89.1	39.6	26.4	523.4	97.9	3.5	48.3

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)
Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1972	162.6	66.0	44.9	71.8	59.4	19.8	38.7	25.1
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	133.0	59.8	44.5	70.6	60.0	17.0	39.8	19.0
1978 Nov.	132.5	60.0	44.7	69.8	60.0	16.9	40.9	18.4
Dec.	128.4	58.4	45.0	71.1	60.5	16.6	40.7	18.1
1979 Jan.	127.6	58.9	44.5	70.8	60.6	16.6	40.5	18.1
Feb.	129.6	59.2	44.1	70.4	60.1	16.5	40.6	17.9
Mar.	128.9	59.4	44.3	70.8	60.8	16.6	40.7	17.5
Apr.	129.3	58.8	44.8	70.8	60.9	16.9	40.4	17.0
May	127.8	57.4	44.3	70.9	61.1	17.1	40.5	17.2
Jun.	128.8	58.5	45.2	71.3	62.1	17.6	41.2	17.4
Jul.	123.6	55.6	45.2	71.0	62.3	17.6	40.9	16.1
Aug.	123.2	54.3	46.1	70.8	62.1	17.7	40.7	16.9
Sep.	123.2	54.7	45.6	70.8	61.5	17.4	40.7	16.7
Oct.	122.4	54.6	44.8	70.9	61.4	17.1	40.8	16.7
Nov.	121.9	54.5	44.5	71.5	61.3	17.2	40.8	16.5

TABLE 12. SELECTED PENNSYLVANIA INDICES
(Not Adjusted)
1967 = 100

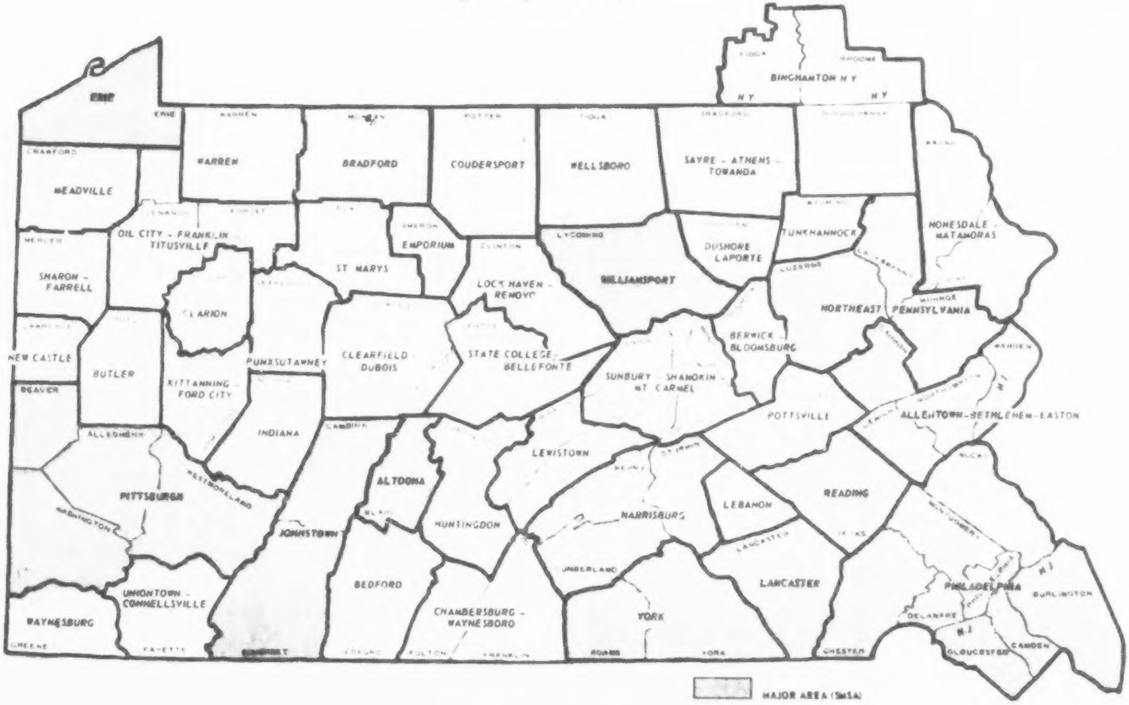
	1979		1978	1977	ANNUAL AVERAGE	
Industry Group	Nov.	Oct.	Nov.	Nov.	1978	1977
EMPLOYMENT						
All Manufacturing	87.9	88.2	88.3	86.4	87.5	86.2
Primary Metals	78.9	78.9	78.2	75.5	77.8	77.9
Apparel	67.9	68.2	73.8	74.9	74.1	74.6
All Nonmanufacturing	129.3	128.8	128.9	127.1	126.7	123.5
Construction	109.5	112.2	115.0	110.3	107.6	101.3
Retail Trade	131.3	129.5	134.2	131.6	129.3	124.8
Services	151.6	152.1	147.3	142.9	144.9	140.8
Government	124.7	122.7	123.5	128.0	126.6	125.4

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to:

OFFICE OF EMPLOYMENT SECURITY
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121


ERIE
WARREN
BRADFORD
COUDERSPORT
WELLSBORO
SAYRE - ATHENS - TOWANDA
BINGHAMTON N Y
N Y
N Y
MEADVILLE
OIL CITY - FRANKLIN - TITUSVILLE
EMPORIUM
ST MARYS
LOCK HAVEN - RENOVO
WILLIAMSPORT
DUSHORE - LAPORTE
TUNKHANNOCK
HONESDALE - MATAMORAS
SHARON - FARRELL
CLARION
NORTHEAST PENNSYLVANIA
BERWICK - BLOOMSBURG
NEW CASTLE
BUTLER
PUNXSUTAWNEY
CLEARFIELD - DUBOIS
STATE COLLEGE - BELLEFONTE
SUNBURY - SHAMOKIN - MT. CARMEL
KITTANNING - FORD CITY
INDIANA
POTTSVILLE
ALLENTOWN-BETHLEHEM-EASTON
N J
LEWISTOWN
ALTOONA
PITTSBURGH
JOHNSTOWN
HUNTINGDON
HARRISBURG
LEBANON
READING
WAYNESBURG
UNIONTOWN - CONNELLSVILLE
BEDFORD
CHAMBERSBURG - WAYNESBORO
YORK
LANCASTER
PHILADELPHIA
N J
N J
MAJOR AREA (SMSA)

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN - BETHLEHEM - EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES
MAJOR LABOR MARKET AREAS

(Per 100 Employees)
OCTOBER 1979

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Oct. 1979	Sep. 1979	Oct. 1978	Oct. 1979	Sep. 1979	Oct. 1978	Oct. 1979	Sep. 1979	Oct. 1978
PENNSYLVANIA	1,368.6	2.9	3.1	3.1	1.9	2.1	2.2	0.7	0.7	0.7
ALLENTOWN-BETHLEHEM-EASTON	110.6	3.0	2.7	1.9	1.7	1.6	1.5	1.0	0.8	0.3
ALTOONA	13.2	2.1	2.0	1.5	1.8	1.5	0.9	0.2	0.3	0.3
ERIE	45.5	2.6	3.2	3.8	1.8	2.2	3.1	0.4	0.5	0.3
HARRISBURG	43.3	2.9	3.0	2.5	2.2	2.5	1.9	0.5	0.3	0.3
JOHNSTOWN	19.8	2.8	2.0	3.5	1.2	1.0	0.9	1.6	0.9	2.5
LANCASTER	59.4	3.3	3.3	3.9	2.9	2.8	3.4	0.3	0.4	0.3
NORTHEAST	69.3	4.1	4.2	3.5	1.8	1.7	2.3	1.9	2.0	1.0
SCRANTON	28.5	4.5	4.4	4.1	2.0	2.1	2.6	2.4	1.8	1.3
WILKES-BARRE-HAZLETON	36.3	3.6	3.6	2.6	1.6	1.7	1.7	1.7	1.4	0.7
PHILADELPHIA	455.5	3.1	3.4	2.7	2.3	2.6	1.9	0.6	0.6	0.6
PITTSBURGH	253.1	2.3	2.1	2.0	1.1	1.1	1.1	0.9	0.6	0.6
READING	54.6	3.0	3.8	4.3	2.4	2.7	3.5	0.4	0.9	0.7
WILLIAMSPORT	17.4	1.3	1.6	3.5	0.7	0.8	2.3	0.5	0.6	1.1
YORK	66.6	4.2	5.3	6.3	3.5	3.7	4.7	0.6	1.4	1.5

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Oct. 1979	Sep. 1979	Oct. 1978	Oct. 1979	Sep. 1979	Oct. 1978	Oct. 1979	Sep. 1979	Oct. 1978
PENNSYLVANIA	1,368.6	3.1	3.5	3.0	1.1	1.6	1.3	1.3	1.2	1.0
ALLENTOWN-BETHLEHEM-EASTON	110.6	2.6	2.6	2.0	1.0	1.2	1.1	1.1	1.0	0.4
ALTOONA	13.2	2.4	2.5	2.8	0.8	1.2	1.1	1.0	1.2	1.3
ERIE	45.5	3.2	3.2	2.8	1.1	1.7	1.4	1.1	0.5	0.5
HARRISBURG	43.3	4.0	3.7	2.7	1.3	2.4	1.5	1.9	0.6	0.4
JOHNSTOWN	19.8	2.6	6.0	2.9	0.6	0.8	1.0	1.7	4.2	1.6
LANCASTER	59.4	3.6	3.8	3.5	2.0	2.3	2.4	0.9	0.9	0.5
NORTHEAST	69.3	4.7	4.5	3.8	1.2	1.6	1.5	2.8	2.3	1.7
SCRANTON	28.5	3.7	4.0	3.2	1.3	1.4	1.3	2.0	2.2	1.5
WILKES-BARRE-HAZLETON	36.3	3.8	3.6	3.8	1.2	1.6	1.4	1.9	1.5	1.9
PHILADELPHIA	455.5	3.2	3.6	2.7	1.3	1.7	1.0	1.2	1.0	1.1
PITTSBURGH	253.1	3.1	3.4	2.4	0.6	1.2	0.6	1.8	1.4	1.1
READING	54.6	3.0	3.1	3.2	1.6	1.8	2.0	0.8	0.6	0.5
WILLIAMSPORT	17.4	2.1	4.0	3.5	0.4	0.8	1.3	1.3	2.6	1.7
YORK	66.6	3.9	4.2	4.3	2.3	2.6	3.2	0.9	0.9	0.5

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978
PENNSYLVANIA	$294.35	$284.57	$270.50	40.6	39.8	40.8	$7.25	$7.15	$6.63
ALLENTOWN-BETHLEHEM-EASTON	292.11	289.86	263.45	39.0	38.7	38.8	7.49	7.49	6.79
ALTOONA	243.76	241.74	213.01	39.7	39.5	37.7	6.14	6.12	5.65
ERIE	302.28	298.03	273.65	42.1	41.8	42.1	7.18	7.13	6.50
HARRISBURG	281.99	272.41	242.80	41.9	41.4	40.0	6.73	6.58	6.07
JOHNSTOWN	301.84	304.17	288.26	38.5	38.6	40.6	7.84	7.88	7.10
LANCASTER	263.13	256.26	239.09	41.9	41.2	40.8	6.28	6.22	5.86
NORTHEAST	208.48	200.75	189.86	37.7	36.7	37.3	5.53	5.47	5.09
SCRANTON	211.46	207.36	197.88	38.8	38.4	38.8	5.45	5.40	5.10
WILKES-BARRE-HAZLETON	204.79	193.40	182.01	36.7	35.1	35.9	5.58	5.51	5.07
PHILADELPHIA	291.91	285.91	274.44	40.6	40.1	40.9	7.19	7.13	6.71
PITTSBURGH	362.61	349.46	329.54	41.3	40.4	41.4	8.78	8.65	7.96
READING	268.71	260.24	238.73	39.4	38.9	39.2	6.82	6.69	6.09
WILLIAMSPORT	269.34	264.80	235.22	40.2	40.0	39.6	6.70	6.62	5.94
YORK	258.03	259.16	250.16	42.3	41.4	42.4	6.10	6.26	5.90

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT
MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	Nov. 1979		Oct. 1979		Nov. 1978	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	5.6	5.8	5.6	6.0	5.5	5.8
PENNSYLVANIA	6.9	7.5	7.9	8.3	6.6	7.3
ALLENTOWN-BETH-EASTON	6.3	7.1	7.6	8.1	5.3	6.0
ALTOONA	8.7	9.7	9.9	10.7	8.3	9.2
ERIE	7.4	8.1	8.2	9.0	6.8	7.5
HARRISBURG	5.0	5.6	5.9	6.3	4.5	5.1
JOHNSTOWN	9.0	10.2	10.0	10.6	8.2	9.2
LANCASTER	4.5	5.3	5.4	6.2	4.1	4.8
NORTHEAST	8.7	9.6	9.8	10.7	8.3	9.2
SCRANTON	7.9	8.7	9.2	10.1	8.0	8.8
W BARRE-HAZLETON	9.1	10.2	10.2	10.8	8.5	9.5
PHILADELPHIA	6.5	7.0	7.6	7.6	6.9	7.4
PITTSBURGH	5.9	6.4	6.8	7.2	5.8	6.2
POTTSVILLE	9.3	-	10.6	-	8.5	-
READING	5.4	6.4	6.3	7.1	4.6	5.5
UNIONTOWN-CONNELLSVLE	10.1	-	11.6	-	7.9	-
WILLIAMSPORT	11.1	12.0	11.6	12.9	7.9	8.7
YORK	5.2	5.9	6.0	7.1	4.4	5.1

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978
UNITED STATES	103,719.0	103,939.0	101,659.0	97,943.0	98,158.0	96,029.0	5,776.0	5,781.0	5,629.0
PENNSYLVANIA	5,375.0	5,364.0	5,332.0	5,006.0	4,938.0	4,980.0	369.0	426.0	352.0
ALLENTOWN-BETH-EASTON	302.3	301.3	297.0	283.3	278.6	281.4	19.0	22.8	15.7
ALTOONA	59.6	59.7	57.1	54.4	53.8	52.4	5.2	5.9	4.7
ERIE	127.9	127.8	126.2	118.4	117.3	117.5	9.5	10.5	8.6
HARRISBURG	217.6	217.0	215.7	206.8	204.3	205.9	10.8	12.7	9.8
JOHNSTOWN	110.5	110.2	106.7	100.6	99.3	98.0	10.0	11.0	8.7
LANCASTER	177.8	177.4	173.6	169.8	167.9	166.5	8.0	9.6	7.1
NORTHEAST	286.0	284.9	282.3	261.0	256.9	258.8	25.0	27.9	23.6
SCRANTON	104.8	104.6	103.9	96.5	95.0	95.7	8.3	9.6	8.3
W BARRE-HAZLETON	154.6	154.0	152.4	140.6	138.4	139.4	14.1	15.7	13.0
PHILADELPHIA	2,136.9	2,132.6	2,120.9	1,997.5	1,969.8	1,975.5	139.4	162.8	145.4
PITTSBURGH	1,019.3	1,017.8	1,006.2	959.0	948.6	948.3	60.4	69.2	57.9
POTTSVILLE	66.1	65.7	68.0	60.0	58.7	62.2	6.1	7.0	5.8
READING	156.9	155.7	149.9	148.5	145.9	143.0	8.4	9.8	6.9
UNIONTOWN-CONNELLSVLE	58.7	59.2	60.3	52.8	52.4	55.6	6.0	6.8	4.7
WILLIAMSPORT	56.0	55.6	54.2	49.8	49.2	49.9	6.2	6.5	4.3
YORK	171.9	172.3	168.9	163.0	162.0	161.4	8.9	10.4	7.5

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	Nonagricultural Wage and Salary			Private Sector *		
	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978
UNITED STATES	90,987.0	90,667.0	88,622.0	75,080.0	74,909.0	72,919.0
PENNSYLVANIA	4,754.4	4,744.0	4,746.4	4,038.3	4,039.9	4,037.5
ALLENTOWN-BETHLEHEM-EASTON	262.7	260.8	262.3	233.0	231.2	231.6
ALTOONA	53.0	53.1	51.9	45.5	45.6	44.6
ERIE	117.1	117.2	117.9	102.6	103.3	103.1
HARRISBURG	213.9	213.9	216.3	158.2	158.4	160.3
JOHNSTOWN	90.3	90.1	89.0	74.0	73.8	73.9
LANCASTER	151.9	151.2	151.1	136.6	136.3	135.7
NORTHEAST	242.2	241.5	243.4	201.5	200.5	204.7
SCRANTON	88.5	88.3	87.0	76.4	75.3	75.4
WILKES-BARRE-HAZLETON	123.9	123.9	127.1	103.7	103.8	108.4
PHILADELPHIA	1,917.7	1,905.9	1,905.7	1,617.7	1,608.8	1,609.2
PITTSBURGH	949.3	951.2	952.3	828.5	829.3	831.2
POTTSVILLE	47.3	46.9	49.8	39.1	39.0	42.1
READING	142.8	141.9	139.4	125.2	124.6	121.6
UNIONTOWN-CONNELLSVILLE	35.6	35.6	37.9	28.9	29.0	31.1
WILLIAMSPORT	49.3	49.3	50.2	42.4	42.5	43.1
YORK	154.4	154.3	155.2	132.3	135.5	134.2

Area	Manufacturing			Nonmanufacturing		
	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978
UNITED STATES	21,017.0	21,085.0	20,903.0	69,970.0	69,582.0	67,719.0
PENNSYLVANIA	1,368.6	1,372.6	1,375.3	3,376.9	3,363.1	3,362.9
ALLENTOWN-BETHLEHEM-EASTON	111.0	110.6	110.3	151.7	150.1	151.9
ALTOONA	13.2	13.2	13.1	39.8	39.9	38.8
ERIE	44.6	45.5	45.3	72.5	71.5	72.6
HARRISBURG	43.0	43.3	42.2	170.2	170.1	174.1
JOHNSTOWN	19.9	19.8	20.3	70.4	70.3	68.5
LANCASTER	59.4	59.4	60.1	92.5	91.8	91.0
NORTHEAST	70.4	69.3	72.9	170.4	170.4	170.2
SCRANTON	29.3	28.5	28.5	58.6	58.6	58.4
WILKES-BARRE-HAZLETON	36.3	36.3	39.9	87.0	87.0	87.0
PHILADELPHIA	457.8	455.5	[illegible]	1,459.1	1,448.8	1,451.1
PITTSBURGH	252.2	253.1	253.0	695.8	695.2	697.2
POTTSVILLE	19.9	19.9	21.3	27.2	26.9	28.4
READING	55.0	54.6	54.2	87.8	87.3	84.2
UNIONTOWN-CONNELLSVILLE	8.3	8.3	8.5	27.3	27.0	29.4
WILLIAMSPORT	17.0	17.4	18.3	32.3	31.9	31.9
YORK	63.2	66.6	64.8	88.2	87.7	88.1

* Excludes Government employment

TABLE 17. LABOR TURNOVER RATES IN PENNSYLVANIA
NONDURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	Nondurable Goods						Food & Kindred						Textiles						Apparel					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	4.3	3.1		4.4	2.4	1.3	5.1	3.4		5.4	2.8	1.9	5.1	4.3		5.2	3.6	0.7	4.8	3.0		5.1	2.4	1.9
1974	4.2	2.7		4.9	2.1	2.1	5.2	3.3		5.8	2.6	2.5	4.5	3.6		5.5	3.1	1.7	5.2	2.5		6.6	2.1	3.8
1975	4.1	1.8		4.4	1.3	2.5	4.6	2.3		4.9	1.5	2.7	4.5	2.3		5.1	1.6	2.8	5.6	2.3		5.6	1.5	3.5
1976	3.9	2.2	1.4	4.1	1.4	2.0	4.6	2.3	2.0	4.9	1.4	2.8	4.5	3.0	1.2	4.8	2.2	1.9	4.8	2.5	2.0	5.5	1.7	2.9
1977	3.9	2.3	1.4	3.9	1.5	1.8	4.9	2.4	2.2	5.0	1.6	2.8	4.3	3.0	1.1	4.6	2.2	1.8	5.1	2.6	2.2	5.1	1.8	2.6
1978	3.6	2.4	1.0	3.6	1.7	1.3	4.1	2.5	1.4	4.3	1.8	1.9	4.5	3.5	0.8	4.2	2.6	0.9	4.3	2.7	1.3	4.6	2.0	1.8
Oct.	3.9	2.9	0.8	3.9	2.0	1.3	5.2	3.4	1.6	5.2	2.4	2.1	5.0	4.4	0.4	4.5	3.1	0.8	4.1	3.0	0.8	4.8	2.3	1.8
Nov.	3.0	2.1	0.7	3.6	1.5	1.5	4.0	2.8	0.9	4.2	1.9	1.7	3.4	2.8	0.5	4.0	2.2	1.2	3.4	2.2	0.9	4.7	1.7	2.2
Dec.	2.2	1.4	0.7	3.5	1.2	1.6	2.6	1.9	0.6	4.8	1.5	2.5	2.5	1.7	0.7	3.5	1.6	1.3	2.0	1.2	0.7	4.8	1.2	2.8
1979																								
Jan.	4.0	2.2	1.6	3.9	1.5	1.7	3.6	2.0	1.4	5.2	1.6	3.0	4.1	3.2	0.7	4.3	2.5	1.2	6.7	2.6	3.8	4.9	1.8	2.3
Feb.	3.1	1.9	1.1	2.9	1.3	1.0	3.1	1.5	1.4	3.5	1.5	1.5	3.0	2.1	0.8	3.4	2.2	0.6	4.9	2.7	1.9	3.9	1.6	1.8
Mar.	3.8	2.3	1.3	3.7	1.6	1.3	3.5	2.0	1.4	3.5	1.5	1.4	3.6	2.5	0.9	3.9	2.3	0.9	4.8	2.8	1.8	5.4	2.0	2.4
Apr.	3.6	2.1	1.1	3.5	1.5	1.3	4.3	2.5	1.6	4.1	1.6	2.0	3.6	2.6	0.8	4.1	2.4	1.1	4.3	2.2	1.7	4.5	1.8	1.8
May	4.1	2.7	1.1	3.7	1.7	1.4	5.0	3.4	1.3	4.7	1.9	2.1	4.1	3.3	0.6	4.0	2.6	0.9	4.9	2.5	2.0	5.2	1.9	2.6
Jun.	4.3	3.0	1.0	3.6	1.7	1.3	5.1	3.6	1.2	4.4	2.0	1.7	4.3	3.6	0.5	4.0	2.5	0.8	4.7	2.5	1.8	5.1	2.0	2.2
Jul.	4.0	2.2	1.6	4.3	1.6	2.1	5.8	3.0	2.6	4.3	1.9	1.8	4.8	2.6	2.0	6.5	2.3	3.4	4.8	2.1	2.4	6.7	1.9	3.9
Aug.	4.2	2.7	1.2	5.0	2.9	1.4	5.4	3.5	1.4	4.6	3.1	0.8	4.4	3.4	0.9	6.2	3.7	0.4	5.3	2.6	2.4	6.5	2.8	2.7
Sep.	4.0	2.7	1.0	4.4	2.3	1.5	5.0	3.4	1.4	5.0	2.5	1.8	3.9	3.0	0.7	4.9	3.1	1.3	5.3	2.8	2.0	5.5	2.3	2.5
Oct.	3.6	2.4	1.0	3.7	1.6	1.5	4.1	2.9	1.0	4.7	1.9	1.8	4.2	3.1	1.0	4.0	2.2	1.2	4.9	2.4	2.2	5.0	1.8	2.5

Year & Month	Paper & Allied Products						Printing & Publishing						Chemicals						Petroleum & Coal Products					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	3.1	2.6		3.0	1.7	0.6	2.8	2.2		2.9	1.6	0.8	2.5	1.8		2.4	1.2	0.6	1.6	1.3		2.0	0.7	0.4
1974	2.7	2.0		3.5	1.6	1.3	2.4	1.9		2.6	1.4	0.7	2.2	1.6		2.3	1.0	0.7	1.4	1.1		1.4	0.6	0.3
1975	3.4	1.0		3.7	0.7	2.5	2.0	1.1		2.5	0.8	1.3	2.2	0.9		2.4	0.5	1.4	1.1	0.8		1.1	0.3	0.3
1976	2.5	1.5	0.9	2.4	0.8	1.1	2.3	1.5	0.6	2.3	0.9	0.9	2.1	1.2	0.7	1.9	0.6	0.8	1.5	1.0	0.2	1.6	0.4	0.3
1977	2.6	1.5	0.9	2.7	0.9	1.3	2.2	1.5	0.6	2.1	1.0	0.7	2.0	1.3	0.6	2.0	0.7	0.6	1.4	1.1	0.1	1.5	0.5	0.3
1978	2.7	1.7	0.8	2.6	1.1	0.9	2.5	1.8	0.6	2.4	1.2	0.8	2.0	1.4	0.5	1.8	0.7	0.5	1.4	1.1	0.2	1.5	0.5	0.4
Oct.	2.9	1.9	0.8	2.9	1.2	1.1	2.7	2.2	0.4	2.4	1.4	0.7	2.0	1.6	0.3	1.8	0.7	0.7	1.1	1.0	0.1	1.5	0.5	0.5
Nov.	1.9	1.3	0.5	3.3	0.8	2.0	2.5	1.6	0.8	2.3	1.2	0.8	1.4	1.0	0.3	1.4	0.6	0.4	0.7	0.5	N	1.5	0.3	0.7
Dec.	2.3	1.0	1.1	2.4	0.7	1.2	2.1	1.3	0.7	1.9	1.1	0.5	1.2	0.9	0.2	1.3	0.5	0.3	0.6	0.4	N	1.8	0.3	0.8
1979																								
Jan.	2.5	1.2	1.1	3.4	0.9	1.8	2.8	2.2	0.6	2.9	1.2	1.1	1.6	1.2	0.3	1.7	0.6	0.5	1.0	0.7	0.2	1.1	0.3	0.5
Feb.	2.0	1.1	0.8	1.9	0.8	0.6	2.4	1.6	0.7	1.9	1.1	0.5	1.5	1.2	0.3	1.4	0.5	0.3	1.0	0.6	0.3	1.2	0.4	0.2
Mar.	2.4	1.4	0.8	1.9	1.0	0.4	2.7	1.7	1.0	2.0	1.1	0.6	2.1	1.6	0.4	1.4	0.7	0.3	1.2	0.9	0.2	0.7	0.3	0.1
Apr.	2.6	1.6	0.8	2.5	1.1	0.8	2.4	1.8	0.5	2.3	1.2	0.8	1.6	1.1	0.3	1.2	0.6	0.4	2.0	1.1	0.8	1.2	0.5	0.4
May	3.8	2.6	0.9	2.5	1.2	0.8	2.7	2.2	0.5	2.4	1.3	0.7	2.2	1.7	0.4	1.3	0.6	0.3	2.4	1.6	0.4	1.0	0.4	0.2
Jun.	4.1	3.2	0.7	2.0	1.1	0.5	3.3	2.6	0.6	2.4	1.3	0.8	3.0	2.4	0.4	1.5	0.7	0.4	2.8	2.6	0.1	1.2	0.2	0.3
Jul.	4.3	2.6	1.6	3.6	1.2	1.7	2.4	1.7	0.6	2.1	1.2	0.6	1.6	1.2	0.3	1.4	0.7	0.4	2.7	2.3	0.2	1.1	0.4	0.2
Aug.	3.6	2.6	0.9	4.5	2.7	0.8	2.5	1.9	0.1	3.2	2.2	0.4	1.9	1.6	0.3	2.8	1.9	0.4	1.4	0.9	0.1	3.6	2.5	0.4
Sep.	3.2	2.8	0.2	4.4	2.7	1.0	2.8	2.3	0.4	2.7	1.8	0.6	2.0	1.5	0.3	2.5	1.2	0.8	1.7	1.4	0.2	1.8	1.1	0.1
Oct.	2.9	2.2	0.5	3.0	1.2	1.1	2.7	2.3	0.4	2.2	1.3	0.6	1.8	1.4	0.3	1.6	0.7	0.5	1.1	0.9	0.1	1.2	0.3	0.5

Year & Month	Rubber & Plastics						Leather Goods					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	5.0	3.9		4.8	2.7	0.9	7.5	6.3		7.9	5.7	1.3
1974	4.4	3.0		5.2	2.3	1.8	7.1	5.6		8.6	5.1	2.6
1975	3.7	1.1		4.9	0.9	3.1	6.8	5.1		7.0	3.5	2.6
1976	4.1	2.2	1.6	3.7	1.3	1.5	6.4	4.7	1.4	7.2	3.9	2.4
1977	3.5	2.3	1.0	3.6	1.4	1.3	6.6	4.9	1.3	6.8	4.1	1.8
1978	3.3	2.2	0.8	3.2	1.5	1.0	7.0	5.0	1.5	8.0	4.8	2.4
Oct.	4.5	3.0	1.2	3.1	1.6	0.8	6.7	4.9	1.5	8.4	5.2	2.3
Nov.	2.9	2.0	0.6	3.0	1.3	1.1	5.8	4.2	1.1	7.5	4.2	2.5
Dec.	1.9	1.3	0.5	2.3	1.0	1.0	4.5	2.7	1.5	7.0	3.5	2.7
1979												
Jan.	3.8	2.6	1.0	2.7	1.2	0.8	7.7	4.8	2.2	6.5	3.7	2.1
Feb.	3.0	2.0	0.8	2.7	1.2	0.9	4.4	3.4	0.5	5.4	3.2	1.5
Mar.	3.1	2.2	0.6	3.5	1.5	1.1	6.8	4.7	1.5	8.3	4.5	2.8
Apr.	3.8	2.2	1.4	3.4	1.2	1.4	6.7	4.9	1.5	8.2	4.7	2.5
May	4.8	3.2	1.2	3.2	1.5	0.8	7.9	5.8	1.5	8.2	5.4	1.4
Jun.	4.5	3.4	0.7	2.9	1.2	1.0	7.8	5.7	1.5	7.3	4.5	2.1
Jul.	3.1	2.0	0.8	3.2	1.4	1.0	5.5	4.0	1.0	9.9	4.5	4.9
Aug.	3.9	2.8	0.7	5.6	3.3	1.3	10.4	6.5	3.7	10.8	6.7	3.4
Sep.	3.5	2.4	0.6	4.4	2.3	1.2	6.2	4.6	1.1	8.0	6.0	1.3
Oct.	3.5	2.3	0.8	3.8	1.2	1.3	5.5	4.7	0.3	6.9	4.3	1.7

N = Negligible

TABLE 18. LABOR TURNOVER RATES IN PENNSYLVANIA
DURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	All Manufacturing						Durable Goods						Furniture & Fixtures						Stone, Clay & Glass					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	3.7	2.7		3.5	1.8	0.9	3.3	2.4		3.0	1.5	0.7	6.4	5.2		6.6	4.2	1.4	4.1	2.4		3.8	1.6	1.5
1974	3.4	2.2		3.9	1.6	1.6	2.9	1.9		3.2	1.2	1.3	5.0	3.5		7.0	2.9	3.0	3.6	2.0		4.6	1.4	2.5
1975	3.3	1.4		3.9	0.8	2.3	2.8	0.9		3.7	0.6	2.5	5.8	2.0		6.1	1.2	4.1	3.9	1.0		4.6	0.7	3.3
1976	3.3	1.5	1.5	3.5	0.9	1.9	2.9	1.0	1.6	3.1	0.6	1.8	5.1	2.8	2.0	5.2	1.8	2.5	3.7	1.3	2.3	3.5	0.7	2.2
1977	3.4	1.7	1.5	3.5	1.0	1.8	3.1	1.3	1.6	3.2	0.7	1.8	6.4	3.8	2.4	5.6	2.1	2.5	3.9	1.4	2.4	3.6	0.8	2.2
1978	3.0	1.8	0.9	2.9	1.2	1.1	2.6	1.5	0.9	2.4	0.8	0.9	4.8	4.0	0.6	4.7	2.7	1.0	2.7	1.6	1.0	2.8	0.9	1.2
Oct.	3.1	2.2	0.7	3.0	1.3	1.0	2.7	1.8	0.6	2.3	0.9	0.7	5.6	5.0	0.4	5.4	3.2	0.9	2.3	1.6	0.6	2.6	0.8	1.2
Nov.	2.3	1.5	0.6	2.7	1.0	1.1	2.0	1.2	0.6	2.1	0.6	0.9	3.9	3.4	0.3	4.1	2.3	0.9	1.8	1.0	0.5	2.5	0.7	0.9
Dec.	1.9	1.1	0.6	2.7	0.8	1.3	1.6	0.9	0.5	2.1	0.5	1.0	2.8	2.5	0.2	3.3	1.9	0.5	1.7	0.7	0.8	3.6	0.5	2.2
1979																								
Jan.	3.3	1.9	1.2	3.1	1.0	1.4	2.8	1.6	0.9	2.7	0.7	1.1	4.0	3.4	0.5	5.0	2.1	1.8	2.1	0.9	1.1	4.1	0.7	2.8
Feb.	2.6	1.6	0.9	2.5	0.9	0.9	2.4	1.4	0.8	2.3	0.7	1.5	3.7	2.3	1.5	4.2	1.6	1.5	2.6	0.8	1.6	2.4	0.5	1.2
Mar.	3.1	1.8	1.0	2.9	1.1	1.0	2.6	1.5	0.9	2.3	0.8	0.8	4.1	3.5	0.3	5.7	2.4	1.9	3.8	1.0	2.7	2.6	0.7	1.4
Apr.	2.9	1.7	0.9	2.8	1.1	1.0	2.5	1.5	0.8	2.3	0.8	0.6	4.2	3.1	0.6	6.0	2.0	2.9	3.8	1.7	2.0	2.4	0.7	1.2
May	3.6	2.3	1.0	2.8	1.2	0.9	3.2	2.0	0.9	2.2	0.9	0.6	7.8	4.3	3.3	6.9	2.2	3.2	3.8	2.3	1.3	1.9	0.8	0.6
Jun.	3.6	2.6	0.7	2.8	1.2	1.0	3.1	2.3	0.6	2.3	0.9	0.8	6.5	3.8	2.4	4.6	2.4	0.8	3.6	2.6	0.7	2.3	0.8	1.0
Jul.	3.2	1.8	1.1	3.3	1.1	1.6	2.7	1.6	0.9	2.7	0.8	1.2	6.6	3.5	3.0	7.5	2.0	4.5	2.7	1.7	0.9	2.4	0.8	1.1
Aug.	3.5	2.2	1.0	4.2	2.3	1.2	3.0	1.8	0.9	3.7	1.8	1.1	6.9	5.2	1.6	6.8	4.4	0.7	2.9	1.7	1.1	4.1	2.1	1.4
Sep.	3.1	2.1	0.7	3.5	1.6	1.2	2.5	1.6	0.6	3.0	1.2	1.0	5.3	4.9	0.3	6.0	3.1	1.4	2.7	1.3	1.3	3.0	1.3	1.1
Oct.	2.9	1.9	0.7	3.1	1.1	1.3	2.4	1.6	0.6	2.8	0.9	1.2	3.9	3.2	0.6	4.1	2.0	1.0	1.7	1.1	0.5	3.5	0.7	2.1

Year & Month	Primary Metals						Fabricated Metals						Machinery except Electrical						Electric & Electronic Equipment					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	2.4	1.8		2.1	1.0	0.4	4.0	2.9		3.8	1.7	1.2	2.8	2.3		2.1	1.2	0.3	3.2	2.4		3.0	1.5	0.6
1974	2.3	1.5		2.3	0.9	0.8	3.7	2.4		4.1	1.4	1.8	2.6	2.1		2.3	1.2	0.4	2.2	1.4		2.9	1.1	1.1
1975	3.0	0.5		4.3	0.3	3.3	2.8	1.1		3.8	0.6	2.5	1.7	0.9		2.7	0.6	1.5	1.6	0.4		2.8	0.4	1.8
1976	3.3	0.6	2.4	3.3	0.4	2.2	2.7	1.1	1.5	3.5	0.6	2.2	2.4	0.9	1.4	2.8	0.6	1.7	2.1	1.0	0.7	2.2	0.6	0.9
1977	2.9	0.8	1.8	3.2	0.4	2.0	3.3	1.3	1.8	3.4	0.7	2.1	3.2	1.0	2.0	3.5	0.6	2.3	2.5	1.2	0.8	2.6	0.7	1.2
1978	2.5	1.1	1.2	2.4	0.5	1.1	3.1	1.6	1.2	3.0	0.9	1.3	2.1	1.4	0.5	1.6	0.7	0.4	2.3	1.3	0.7	2.3	0.8	0.8
Oct.	2.0	1.0	0.7	2.2	0.5	1.0	3.3	2.5	0.6	2.9	1.0	1.0	2.0	1.7	0.2	1.5	0.8	0.3	2.6	1.7	0.6	2.2	0.8	0.6
Nov.	1.7	0.7	0.8	1.6	0.4	0.7	2.6	1.4	0.9	3.0	0.8	1.7	1.6	1.3	0.2	1.4	0.6	0.4	2.0	1.1	0.6	1.9	0.7	0.7
Dec.	1.6	0.5	0.8	1.9	0.3	1.0	1.9	1.0	0.7	2.3	0.6	1.2	1.4	1.1	0.2	1.4	0.6	0.4	1.6	0.8	0.5	1.7	0.5	0.6
1979																								
Jan.	3.0	1.3	1.4	2.4	0.4	1.0	3.4	1.9	1.2	3.2	0.8	1.6	2.2	1.6	0.3	1.6	0.8	0.3	2.5	1.4	0.7	2.4	0.7	0.9
Feb.	2.3	1.3	0.8	1.8	0.4	0.5	2.6	1.7	0.7	2.7	0.7	1.3	1.7	1.4	0.2	1.3	0.6	0.2	2.2	1.2	0.6	2.2	0.7	0.8
Mar.	1.9	1.2	0.5	1.8	0.4	0.6	3.0	1.8	1.1	2.5	0.8	1.0	1.8	1.4	0.2	1.7	0.8	0.3	2.4	1.4	0.7	2.4	0.8	0.8
Apr.	2.0	1.1	0.7	1.9	0.4	0.7	2.8	1.8	0.9	3.1	0.9	1.6	1.6	1.2	0.2	1.3	0.7	0.2	2.5	1.4	0.7	2.3	0.8	0.5
May	3.3	1.8	1.1	1.6	0.5	0.4	3.8	2.4	1.1	2.5	1.1	0.7	1.9	1.6	0.2	1.5	0.8	0.2	2.9	1.8	0.6	2.4	1.0	0.6
Jun.	2.6	2.0	0.3	1.4	0.5	0.2	3.7	2.5	1.0	3.5	1.0	1.7	2.4	2.1	0.2	1.9	0.9	0.5	2.0	2.1	0.5	1.7	0.8	0.3
Jul.	2.2	1.4	0.6	2.3	0.5	0.8	3.3	1.9	1.1	3.3	0.9	1.7	2.0	1.3	0.5	1.9	0.7	0.7	2.9	1.6	1.0	2.8	0.8	1.5
Aug.	2.0	1.2	0.5	3.4	1.7	0.8	4.7	2.4	1.9	4.6	2.0	1.9	2.3	1.5	0.6	2.3	1.3	0.4	3.0	2.1	0.5	3.9	2.0	1.0
Sep.	1.7	1.0	0.5	3.4	1.0	1.6	3.3	2.3	0.7	3.0	1.2	1.1	1.8	1.5	0.2	2.0	0.9	0.5	2.4	1.5	0.4	2.3	1.2	0.4
Oct.	2.1	0.9	0.9	2.9	0.5	1.7	3.2	2.1	1.0	2.9	0.9	1.2	1.9	1.7	0.2	1.6	0.8	0.3	1.9	1.2	0.3	2.0	0.7	0.7

Year & Month	Transportation Equipment						Instruments & Related						Miscellaneous Manufacturing					
	Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	4.4	2.6		3.8	1.4	1.2	2.9	2.4		2.8	1.6	0.5	3.6	2.7		3.5	2.0	0.9
1974	4.2	2.2		4.2	1.1	2.0	2.9	2.4		2.8	1.4	0.7	3.8	2.6		4.8	1.8	2.3
1975	3.5	1.3		3.9	0.6	2.2	1.9	1.1		2.2	0.6	1.0	3.2	1.0		3.3	0.7	2.1
1976	3.2	1.1	1.6	3.5	0.5	2.0	2.1	1.4	0.5	1.8	0.7	0.6	2.6	1.5	0.9	2.7	0.8	1.2
1977	3.0	1.6	1.1	2.8	0.6	1.4	2.1	1.6	0.3	1.7	0.8	0.4	2.7	1.5	1.1	2.7	0.8	1.3
1978	3.0	1.5	1.0	2.5	0.7	1.0	2.0	1.6	0.2	1.7	0.9	0.3	2.9	1.9	0.9	2.9	1.0	1.2
Oct.	3.3	1.8	1.1	2.1	0.7	0.4	2.4	2.0	0.3	1.4	0.9	0.2	4.3	3.6	0.6	2.9	1.4	1.0
Nov.	2.5	1.2	0.7	1.7	0.5	0.5	1.6	1.2	0.3	1.3	0.7	0.1	1.8	1.2	0.5	4.0	1.1	2.5
Dec.	1.6	0.8	0.3	2.0	0.3	1.0	1.1	0.9	0.1	1.2	0.6	0.1	1.7	0.6	1.0	5.5	0.8	4.1
1979																		
Jan.	2.9	1.7	0.8	2.8	0.8	0.9	2.3	2.1	0.1	1.6	0.7	0.2	4.1	2.4	1.6	3.8	0.7	2.2
Feb.	2.0	1.3	0.4	2.9	0.5	1.4	2.6	2.4	0.1	2.5	1.1	0.3	3.2	1.6	1.4	2.3	0.8	0.6
Mar.	2.7	1.6	0.7	2.8	0.9	1.0	2.2	1.9	0.1	1.4	0.9	0.2	3.6	2.3	1.3	2.7	0.9	0.7
Apr.	3.1	1.4	1.3	2.9	0.7	1.1	2.0	1.4	0.5	1.7	0.9	0.3	3.3	1.6	1.6	3.0	0.9	1.1
May	3.1	1.5	1.2	2.5	0.6	0.9	2.7	1.9	0.6	2.0	0.9	0.5	3.5	2.3	1.0	2.2	1.1	0.3
Jun.	2.7	1.7	0.6	3.8	0.6	1.9	2.9	2.3	.4	2.0	1.0	0.4	6.0	4.4	1.4	2.4	1.4	0.5
Jul.	3.2	1.4	1.2	3.0	0.6	1.4	1.5	1.2	0.1	2.1	0.8	0.8	3.3	1.5	1.7	4.7	1.4	2.2
Aug.	3.1	1.4	1.2	3.4	1.1	1.4	1.9	1.2	0.5	2.6	1.5	0.3	4.8	3.4	1.3	6.2	3.7	1.9
Sep.	3.1	1.7	1.0	3.1	1.0	1.2	1.5	1.2	0.2	3.0	1.1	1.0	4.0	3.2	0.6	3.8	2.0	1.0
Oct.	3.3	2.0	0.7	3.5	0.9	1.4	1.5	1.2	0.1	1.7	0.8	0.5	3.7	3.3	0.4	4.5	2.6	0.8

N = Negligible

2/25/80

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

JANUARY 1980

Vol. XXV No. 1

JOB SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY BUREAU OF EMPLOYMENT SECURITY
In cooperation with the United States Bureau of Labor Statistics
BUR-652 REV. 4-30-77

- EXPLANATORY -

INDUSTRY EMPLOYMENT

Employment data, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives."

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing to:
PENNSYLVANIA BUREAU OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING-ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717-787-3129

Issued: January 1980 Reference: Mid-December

PENNSYLVANIA EMPLOYMENT & EARNINGS
DECEMBER 1979

Total unemployment in Pennsylvania, both seasonally adjusted and unadjusted, declined in December.

Seasonally adjusted, the rate of unemployment was reduced to 7.3 percent of the total civilian labor force in December from 7.5 percent in November. The volume of unemployment was 393,000 in December, down 13,000 from November. In spite of the reductions, unemployment remained above the levels of the previous year. Last December, seasonally adjusted unemployment was 359,000, with a rate of 6.7 percent.

The unadjusted rate of unemployment moved down to 6.6 percent in December from 6.9 percent in November. Unemployed workers numbered 355,000 in December, a drop of 14,000 from November. One year ago, unemployment was 320,000 and the rate was 6.0 percent.

With the December data included, the 1979 annual average unemployment in Pennsylvania was 367,000, with a rate of 6.9 percent. Annual average unemployment for 1978 was also 6.9 percent.

Nationwide, the December seasonally adjusted rate was 5.9 percent of the total civilian labor force, up slightly from 5.8 percent in November. The unadjusted rate was 5.6 percent in December, unchanged from November.

FACTORY JOBS DECLINE

As monthly trends are viewed from year to year, December's job picture did not appear to be especially stimulating nor drastically foreboding. Modest changes were in evidence overall.

Factory jobs were down 3,400. With a slightly stronger emphasis in nondurable industries, the losses appeared with nearly equal strengths among durable and nondurables alike. Only three industries in the entire manufacturing array reported job gains; PRINTING AND PUBLISHING, up 700; NONELECTRICAL MACHINERY, up 600 and FABRICATED METALS, an increase of 300. APPAREL took the sharpest plunge, down 1,000. LEATHER, CHEMICALS, TOBACCO, INSTRUMENTS and MISCELLANEOUS MANUFACTURERS held the line on jobs. All other manufacturing industries were on the negative side.

A year ago, factory jobs totaled 6,300 more than at present. Durable industries managed to hold on to a slight job advantage over the twelve month period with a +6,400. Nondurables, on the other hand, suffered a setback of nearly 13,000. The range in over the year changes ran from +3,400 in TRANSPORTATION EQUIPMENT to -7,900 in APPAREL.

Consistent with the employment trends for December, hours and earnings also exhibited a certain restraint. The average hourly rate for production workers was $7.33 - up three cents from November. Increases in hourly earnings were very subdued all along the manufacturing front. A few declines were noted but most industries reflected gains, averaging from one to ten cents.

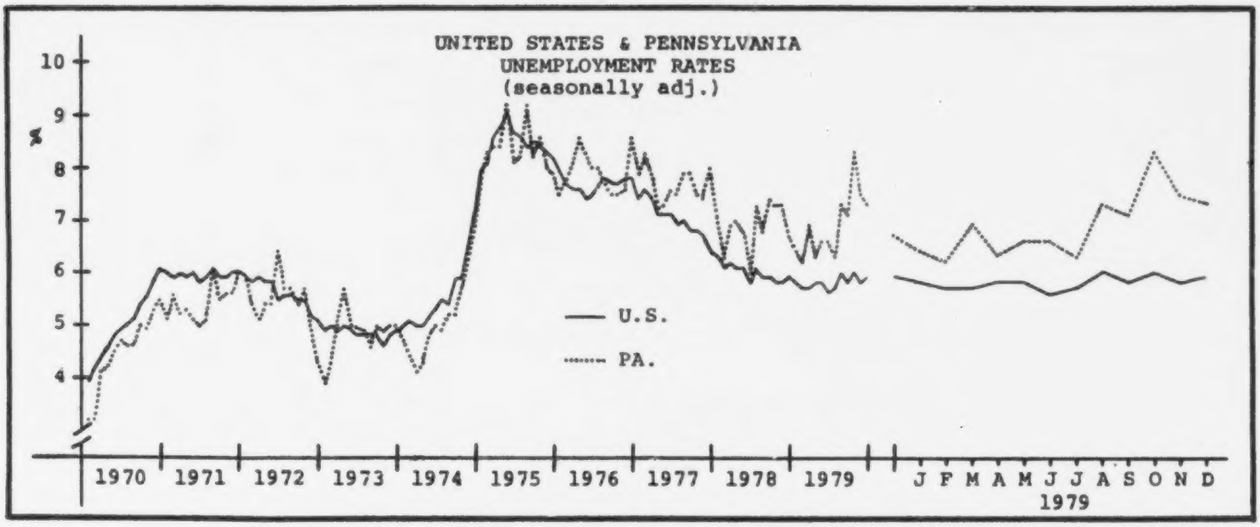
Weekly manhours showed more activity. With an overall drop in the workweek of four-tenths of an hour, the most significant curtailments occurred in MISCELLANEOUS MANUFACTURERS and LUMBER - down two hours and 1.4 hours, respectively. TOBACCO industries averaged an hour-and-a-half more working time in December and PRINTING firms registered a gain of 1.3 hours.

Nationally, factory production workers averaged $6.97 an hour - up ten cents over November - and worked a 41.0 hour week compared with the previous month's 40.4 hours.

With respect to turnover in Pennsylvania factories, new hires and quits were down. Layoffs increased and recalls held steady. Total accessions, which include new hires, rehires and transfers, were down 24 percent. Separations registered a six percent decline.

NONFACTORY JOBS DIP SLIGHTLY

There appeared to be nothing alarming in nonmanufacturing job statistics during December. Losses in most cases were light. CONSTRUCTION carried the brunt downward with a -10,400, TRANSPORTATION fell 4,200 and jobs in SERVICES declined 2,700. RETAIL TRADE registered a modest seasonal gain of 5,800; GOVERNMENT increased 9,200. Over the twelve month period, SERVICES gained more than 26,000 jobs. Conversely, RETAIL TRADE lost 17,500.



EMPLOYMENT DATA IN THIS PUBLICATION HAVE BEEN REVISED TO FIRST QUARTER 1978 BENCHMARKS, AND ARE THEREFORE, NOT STRICTLY COMPARABLE WITH FIGURES PUBLISHED PRIOR TO JANUARY 1977. DATA ARE BASED ON INDUSTRY CLASSIFICATION IN ACCORDANCE WITH THE REVISED 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL.

On all tables data for most recent month are preliminary and subject to revision.

ADDITIONAL NOTATION ON PAGE 13

Table 1. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %
1961	4,508.0	4,080.9	427.1	9.5		70,459.0	65,746.0	4,714.0	6.7	
1962	4,474.2	4,110.5	363.7	8.1		70,614.0	66,702.0	3,911.0	5.5	
1963	4,422.9	4,090.0	332.9	7.5		71,833.0	67,762.0	4,070.0	5.7	
1964	4,430.9	4,155.2	275.7	6.2		73,091.0	69,305.0	3,786.0	5.2	
1965	4,469.3	4,263.4	205.9	4.6		74,455.0	71,088.0	3,366.0	4.5	
1966	4,558.3	4,395.0	163.3	3.6		75,770.0	72,895.0	2,875.0	3.8	
1967	4,637.0	4,467.0	170.0	3.7		77,347.0	74,372.0	2,975.0	3.8	
1968	4,634.0	4,475.0	159.0	3.4		78,737.0	75,920.0	2,817.0	3.6	
1969	4,720.0	4,566.0	154.0	3.3		80,734.0	77,902.0	2,832.0	3.5	
1970	4,833.0	4,618.0	215.0	4.4		82,715.0	78,627.0	4,088.0	4.9	
1971	4,803.0	4,543.0	260.0	5.4		84,113.0	79,120.0	4,993.0	5.9	
1972	4,875.0	4,609.0	265.0	5.4		86,542.0	81,702.0	4,840.0	5.6	
1973	4,988.0	4,747.0	241.0	4.8		88,714.0	84,409.0	4,304.0	4.9	
1974	5,036.0	4,778.0	258.0	5.1		91,011.0	85,935.0	5,076.0	5.6	
1975	5,069.0	4,647.0	421.0	8.3		92,613.0	84,783.0	7,830.0	8.5	
1976	5,094.0	4,690.0	404.0	7.9		94,773.0	87,485.0	7,288.0	7.7	
1977	5,168.0	4,770.0	398.0	7.7		97,401.0	90,546.0	6,855.0	7.0	
1978	5,252.0	4,888.0	364.0	6.9		100,420.0	94,373.0	6,047.0	6.0	
1978 Dec	5,347.0	5,026.0	320.0	6.0	6.7	101,632.0	95,906.0	5,725.0	5.6	5.9
1979 Jan	5,276.0	4,900.0	376.0	7.1	6.4	100,867.0	94,436.0	6,431.0	6.4	5.8
Feb	5,240.0	4,845.0	394.0	7.5	6.2	101,249.0	94,765.0	6,484.0	6.4	5.7
Mar	5,277.0	4,865.0	412.0	7.8	6.9	101,665.0	95,501.0	6,165.0	6.1	5.7
Apr	5,186.0	4,866.0	320.0	6.2	6.3	101,236.0	95,675.0	5,561.0	5.5	5.8
May	5,217.0	4,922.0	294.0	5.6	6.6	101,473.0	96,220.0	5,253.0	5.2	5.8
Jun	5,343.0	4,959.0	384.0	7.2	6.6	104,153.0	97,917.0	6,235.0	6.0	5.6
Jul	5,398.0	5,058.0	340.0	6.3	6.3	104,995.0	98,891.0	6,104.0	5.8	5.7
Aug	5,350.0	4,977.0	373.0	7.0	7.3	104,363.0	98,226.0	6,137.0	5.9	6.0
Sep	5,301.0	4,944.0	357.0	6.7	7.1	103,373.0	97,576.0	5,798.0	5.6	5.8
Oct	5,364.0	4,938.0	426.0	7.9	8.3	103,939.0	98,158.0	5,781.0	5.6	6.0
Nov	5,375.0	5,006.0	369.0	6.9	7.5	103,719.0	97,943.0	5,776.0	5.6	5.8
Dec	5,348.0	4,993.0	355.0	6.6	7.3	103,884.0	98,047.0	5,846.0	5.6	5.9

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From--	
	Dec. 1979	Nov. 1979	Dec. 1978	Nov. 1979	Dec. 1978
TOTAL CIVILIAN LABOR FORCE	5,348.0	5,375.0	5,347.0	-27.0	1.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	355.0	369.0	320.0	-14.0	35.0
% CIVILIAN LABOR FORCE	6.6	6.9	6.0	-0.3	0.6
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	393.0	406.0	359.0	-13.0	34.0
% CIVILIAN LABOR FORCE	7.3	7.5	6.7	-0.2	0.6
TOTAL EMPLOYMENT	4,993.0	5,006.0	5,026.0	-13.0	-33.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From--	
	Dec. 1979	Nov. 1979	Dec. 1978	Nov. 1979	Dec. 1978
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,751.0	4,754.4	4,740.3	-3.4	10.7
LABOR-MANAGEMENT DISPUTES	9.0	6.3	5.5	2.7	3.5
ALL MANUFACTURING INDUSTRIES	1,364.9	1,368.3	1,371.2	-3.4	-6.3
TOTAL NONMANUFACTURING INDUSTRIES	3,377.1	3,379.8	3,363.6	-2.7	13.5
Mining	51.2	51.9	52.9	-0.7	-1.7
Anthracite	3.0	3.1	3.1	-0.1	-0.1
Bituminous	39.1	39.6	41.4	-0.5	-2.3
Nonmetallic minerals	4.8	5.0	4.6	-0.2	0.2
Contract Construction	187.9	198.3	192.5	-10.4	-4.6
General building	49.0	51.8	50.8	-2.8	-1.8
Heavy construction	38.0	43.1	38.3	-5.1	-0.3
Special trades	100.9	103.4	103.4	-2.5	-2.5
Transportation	162.8	167.0	168.0	-4.2	-5.2
Railroads	42.2	43.7	44.9	-1.5	-2.7
Public Utilities	103.3	103.4	101.6	-0.1	1.7
Communications	54.1	54.2	53.3	-0.1	0.8
Electric, gas & sanitary service	49.2	49.2	48.3	0.0	0.9
Electric systems	23.6	23.6	22.9	0.0	0.7
Gas production	11.3	11.3	11.1	0.0	0.2
Wholesale trade	229.3	229.0	228.3	0.3	1.0
Retail trade	762.2	756.4	779.7	5.8	-17.5
General merchandise stores	137.8	132.3	146.4	5.5	-8.6
Department stores	122.5	117.2	129.5	5.3	-7.0
Finance, insurance & real estate	237.8	237.7	231.1	0.1	6.7
Banking	78.6	78.2	75.6	0.4	3.0
Commercial & stock savings	72.5	72.2	69.8	0.3	2.7
Credit agencies & securities	30.9	30.7	29.3	0.2	1.6
Insurance	70.2	70.3	69.0	-0.1	1.2
Life insurance	25.9	26.0	25.8	-0.1	0.1
Fire, marine & casualty	29.6	29.6	28.5	0.0	1.1
Services	928.0	930.7	901.9	-2.7	26.1
Business services	116.9	116.9	116.1	0.0	0.8
Health services	296.8	296.4	291.7	0.4	5.1
Nursing & personal care	47.8	47.6	46.0	0.2	1.8
Hospitals	184.5	184.6	180.0	-0.1	4.5
Educational service	139.5	139.8	122.7	-0.3	16.8
Miscellaneous services	42.9	42.7	43.0	0.2	-0.1
Engineering & architectural	25.8	25.8	26.7	0.0	-0.9
Government	714.6	705.4	707.6	9.2	7.0
Federal	128.9	128.3	128.7	0.6	0.2
State & local	585.7	577.1	578.9	8.6	6.8

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS

(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manufacturing	Total Non-Manufacturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.0	3,853.8	1,341.5	3,223.5	48.0	183.9	939.0	221.7	717.2
1978	4,669.9	3,951.9	1,362.1	3,307.8	46.6	195.3	969.6	226.5	743.1
1978 Dec.	4,734.8	4,027.2	1,371.2	3,363.6	52.9	192.5	1,008.0	228.3	779.7
1979 Jan.	4,634.7	3,934.0	1,364.3	3,270.5	52.7	166.1	968.7	228.0	740.7
Feb.	4,619.2	3,908.1	1,363.4	3,255.8	52.0	150.7	948.6	226.3	722.3
Mar.	4,660.7	3,947.1	1,365.4	3,295.3	52.4	166.7	957.2	226.7	730.5
Apr.	4,691.8	3,976.6	1,365.5	3,326.3	52.3	185.2	965.9	228.1	737.3
May	4,732.4	4,012.2	1,368.4	3,364.0	52.8	196.3	971.0	227.0	744.0
Jun.	4,757.2	4,039.5	1,387.3	3,369.9	52.7	198.5	970.3	228.8	741.5
Jul.	4,699.4	4,006.9	1,374.3	3,325.1	52.3	205.7	956.9	229.3	727.6
Aug.	4,688.1	3,998.0	1,367.8	3,320.3	51.9	205.8	955.6	228.8	726.8
Sep.	4,698.5	4,018.5	1,376.5	3,322.0	52.3	204.9	959.6	225.9	733.7
Oct.	4,735.7	4,039.9	1,372.6	3,363.1	51.4	203.7	972.1	228.2	743.9
Nov.	4,748.1	4,042.7	1,368.3	3,379.8	51.9	198.3	985.4	229.0	756.4
Dec.	4,742.0	4,027.4	1,364.9	3,377.1	51.2	187.9	991.5	229.3	762.2

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA.	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.4	137.6	513.8
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.2	136.4	521.8
1974	161.1	104.4	207.3	773.6	154.9	618.7	681.5	136.6	544.9
1975	154.0	102.5	207.3	798.5	159.8	638.7	720.9	134.4	586.5
1976	155.4	101.1	211.4	839.7	165.5	674.2	721.6	131.8	589.8
1977	160.7	100.7	217.5	862.4	171.1	691.3	711.2	128.1	583.0
1978	163.5	101.2	226.2	887.5	177.3	710.2	718.0	129.1	588.9
1978 Dec.	168.0	101.6	231.1	901.9	180.0	721.9	707.6	128.7	578.9
1979 Jan.	164.4	101.6	230.8	885.4	180.2	705.2	700.8	127.6	573.2
Feb.	164.1	101.8	232.5	895.0	180.9	714.1	711.1	126.8	584.3
Mar.	165.5	101.8	233.2	904.9	181.3	723.6	713.6	126.7	586.9
Apr.	165.0	102.1	234.1	907.0	181.3	725.7	715.2	126.7	588.5
May	168.0	102.5	235.8	917.4	181.5	735.9	720.2	127.5	592.7
Jun.	168.7	103.8	238.6	919.6	184.3	735.3	717.7	129.1	588.6
Jul.	162.0	104.4	239.6	911.7	185.1	726.6	692.5	129.6	562.9
Aug.	161.3	104.6	239.6	910.9	184.4	726.5	690.1	128.8	561.3
Sep.	166.4	103.5	237.0	918.3	184.1	734.2	680.0	127.7	552.3
Oct.	167.8	103.4	237.2	931.7	184.3	747.4	695.8	127.3	568.5
Nov.	167.0	103.4	237.7	930.7	184.6	746.1	705.4	128.3	577.1
Dec.	162.8	103.3	237.8	928.0	184.5	743.5	714.6	128.9	585.7

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

NOVEMBER 1979

Industry	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978
All Manufacturing	1,368.3	2.2	2.9	2.3	1.3	1.9	1.5	0.8	0.8	0.6
Durable Goods	845.0	1.8	2.4	2.0	1.0	1.5	1.2	0.6	0.7	0.6
Furniture & Fixtures	20.8	2.8	3.8	3.9	2.0	3.1	3.4	0.6	0.5	0.3
Stone, Clay & Glass Products	62.5	2.1	1.7	1.8	0.6	1.0	1.0	1.2	0.5	0.5
Primary Metal Industries	201.6	1.7	2.1	1.7	0.7	0.9	0.7	1.0	0.9	0.8
Fabricated Metal Products	114.7	2.4	3.2	2.6	1.4	2.1	1.4	0.9	1.1	0.9
Machinery, exc. Electrical	139.9	1.5	1.7	1.6	1.2	1.4	1.3	0.2	0.2	0.2
Electric & Electronic Equip.	129.4	1.6	1.9	2.0	1.0	1.2	1.1	0.2	0.3	0.6
Transportation Equipment	89.1	1.9	3.3	2.5	0.9	2.0	1.2	0.5	0.7	0.7
Instruments & Related Products	39.6	1.5	1.4	1.6	1.0	1.2	1.2	0.4	0.1	0.3
Miscellaneous Manufacturing	26.3	1.6	4.0	1.8	1.0	2.4	1.2	0.5	1.5	0.5
Nondurable Goods	523.3	2.9	3.7	3.0	1.7	2.5	2.1	1.0	1.0	0.7
Food & Kindred Products	98.0	3.5	4.2	4.0	2.2	2.9	2.8	1.2	1.1	0.9
Textile Mill Products	48.4	3.1	4.4	3.4	2.0	3.1	2.8	1.0	1.1	0.5
Apparel & Related Products	121.5	3.8	5.1	3.4	1.8	2.7	2.2	1.8	2.2	0.9
Paper & Allied Products	44.4	2.3	2.8	1.9	1.4	2.2	1.3	0.7	0.5	0.5
Printing & Publishing	71.6	2.3	3.0	2.5	1.8	2.5	1.6	0.5	0.4	0.8
Chemicals & Allied Products	61.4	1.4	1.9	1.4	0.9	1.4	1.0	0.4	0.4	0.3
Petroleum & Coal Products	17.3	0.9	1.1	0.7	0.7	0.9	0.5	0.1	0.1	N
Rubber & Plastics Products	40.7	2.6	3.1	2.9	1.4	2.1	2.0	0.9	0.7	0.6
Leather & Leather Products	16.5	4.3	5.6	5.8	3.4	4.9	4.2	0.7	0.4	1.1

Industry	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978
All Manufacturing	1,368.3	2.9	3.1	2.7	0.9	1.1	1.0	1.4	1.3	1.1
Durable Goods	845.0	2.3	2.7	2.1	0.6	0.8	0.6	1.2	1.2	0.9
Furniture & Fixtures	20.8	4.3	3.9	4.1	1.5	2.0	2.3	2.2	0.9	0.9
Stone, Clay & Glass Products	62.5	2.3	3.1	2.5	0.5	0.7	0.7	1.4	1.9	0.9
Primary Metal Industries	201.6	2.2	2.8	1.6	0.4	0.5	0.4	1.3	1.6	0.7
Fabricated Metal Products	114.7	2.7	3.1	3.0	0.6	0.9	0.8	1.6	1.4	1.7
Machinery, exc. Electrical	139.9	1.4	1.5	1.4	0.6	0.7	0.6	0.4	0.4	0.4
Electric & Electronic Equip.	129.4	1.7	2.2	1.9	0.5	0.7	0.7	0.6	0.8	0.7
Transportation Equipment	89.1	3.4	3.4	1.7	0.8	0.9	0.5	1.8	1.3	0.5
Instruments & Related Products	39.6	1.4	1.6	1.3	0.6	0.8	0.7	0.5	0.4	0.1
Miscellaneous Manufacturing	26.3	4.1	3.2	4.0	1.3	1.8	1.1	2.2	0.5	2.5
Nondurable Goods	523.3	3.7	3.8	3.6	1.3	1.7	1.5	1.9	1.5	1.5
Food & Kindred Products	98.0	4.2	4.8	4.2	1.6	2.0	1.9	1.8	1.9	1.7
Textile Mill Products	48.4	3.9	4.1	4.0	2.1	2.3	2.2	1.5	1.2	1.2
Apparel & Related Products	121.5	5.7	5.1	4.7	1.3	1.9	1.7	3.8	2.6	2.2
Paper & Allied Products	44.4	2.7	2.9	3.3	1.0	1.2	0.8	1.1	1.0	2.0
Printing & Publishing	71.6	2.2	2.2	2.3	1.1	1.3	1.2	0.8	0.5	0.8
Chemicals & Allied Products	61.4	1.2	1.7	1.4	0.6	0.7	0.6	0.3	0.6	0.4
Petroleum & Coal Products	17.3	1.8	1.4	1.5	0.3	0.3	0.3	1.0	0.5	0.7
Rubber & Plastics Products	40.7	2.9	3.5	3.0	1.0	1.3	1.3	1.3	1.1	1.1
Leather & Leather Products	16.5	7.2	7.0	7.5	3.2	4.5	4.2	3.5	1.7	2.5

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Dec. 1979	Nov. 1979	Dec. 1978	Nov. 1979	Dec. 1978
	TOTAL MANUFACTURING INDUSTRIES	1,364.9	1,368.3	1,371.2	-3.4	-6.3
	TOTAL DURABLE GOODS	843.4	845.0	837.0	-1.6	6.4
24	Lumber & wood products	20.8	21.1	21.4	-0.3	-0.6
243	Millwork, plywood & structural	7.0	7.0	7.2	0.0	-0.2
	Other lumber & wood products	13.8	14.1	14.2	-0.3	-0.4
25	Furniture & fixtures	20.3	20.8	20.9	-0.5	-0.6
251	Household furniture	9.9	10.2	9.9	-0.3	0.0
252	Office furniture	4.6	4.8	5.2	-0.2	-0.6
	Other furniture & fixtures	5.8	5.8	5.8	0.0	0.0
32	Stone, clay & glass products	62.1	62.5	63.8	-0.4	-1.7
322	Glass & glassware, pressed or blown	16.6	16.6	17.5	0.0	-0.9
3221	Glass containers	8.8	8.9	9.8	-0.1	-1.0
3229	Other pressed or blown glass	7.8	7.7	7.7	0.1	0.1
324	Hydraulic cement	3.3	3.3	3.4	0.0	-0.1
325	Structural clay products	6.4	6.4	6.5	0.0	-0.1
326	Pottery & related products	4.4	4.4	4.2	0.0	0.2
327	Concrete, gypsum & plaster products	8.7	8.9	8.6	-0.2	0.1
	Other stone, clay & glass products	22.7	22.9	23.6	-0.2	-0.9
33	Primary metal industries	201.2	201.6	201.4	-0.4	-0.2
331	Blast furnace & basic steel products	149.9	150.4	150.9	-0.5	-1.0
3312	Blast furnaces & steel mills	136.3	137.0	137.8	-0.7	-1.5
	Other basic steel products	13.6	13.4	13.1	0.2	0.5
332	Iron & steel foundries	20.7	20.5	20.5	0.2	0.2
3321	Gray iron foundries	8.0	8.1	8.2	-0.1	-0.2
3325	Steel foundries, n.e.c.	7.6	7.5	7.3	0.1	0.3
3322,4	Malleable iron & steel invest.	5.1	4.9	5.0	0.2	0.1
335	Nonferrous rolling & drawing	13.1	13.3	13.0	-0.2	0.1
336	Nonferrous foundries	7.7	7.7	7.6	0.0	0.1
	Other primary metal products	9.8	9.7	9.4	0.1	0.4
34	Fabricated metal products,(incl. ordnance)	115.0	114.7	114.5	0.3	0.5
341	Metal cans & shipping containers	4.8	4.8	5.1	0.0	-0.3
342	Cutlery, hand tools & hardware	7.5	7.6	8.0	-0.1	-0.5
343	Plumbing & heating exc. electrical	3.1	3.1	3.1	0.0	0.0
344	Fabricated structural metal products	37.1	37.2	36.9	-0.1	0.2
3441	Fabricated structural metal	9.8	9.9	9.1	-0.1	0.7
3443	Fabricated plate work (boiler shops)	11.0	10.9	11.1	0.1	-0.1
	Other fabricated struct. metal products	16.3	16.4	16.7	-0.1	-0.4
345	Screw machine products, bolts, etc.	9.0	9.0	8.3	0.0	0.7
346	Metal forgings & stampings	20.9	20.3	21.3	0.6	-0.4
3462	Iron & steel forgings	6.3	6.3	5.9	0.0	0.4
	Other metal forgings & stampings	14.6	14.0	15.4	0.6	-0.8
347,8	Metal services & ordnance, n.e.c.	8.1	8.3	8.3	-0.2	-0.2
349	Misc. fabricated metal products	24.5	24.4	23.5	0.1	1.0
3494	Valves & pipe fittings	10.9	11.0	10.4	-0.1	0.5
	Other misc. fabricated metal products	13.6	13.4	13.1	0.2	0.5
35	Machinery, exc. electrical	140.5	139.9	138.7	0.6	1.8
351	Engines & turbines	7.6	7.6	7.9	0.0	-0.3
352	Farm & garden machinery	4.6	4.5	4.3	0.1	0.3
353	Construction & related machinery	23.2	23.4	26.1	-0.2	-2.9
3531	Construction machinery	6.8	6.9	10.1	-0.1	-3.3
3535	Conveyors & conveying equipment	3.4	3.4	3.6	0.0	-0.2
	Other construction & related machinery	13.0	13.1	12.4	-0.1	0.6
354	Metal working machinery	22.2	21.9	21.6	0.3	0.6
355	Special industry machinery	15.3	15.2	14.7	0.1	0.6
356	General industrial machinery	29.7	29.7	29.5	0.0	0.2
3561	Pumps & pumping equipment	3.7	3.8	3.7	-0.1	0.0
3562	Ball & roller bearings	4.4	4.4	4.3	0.0	0.1
3563	Air & gas compressors	5.4	5.4	5.4	0.0	0.0
3567	Industrial furnaces & ovens	4.1	4.0	4.0	0.1	0.1
	Other general industrial machinery	12.1	12.1	12.1	0.0	0.0

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(cont.)
Industry Detail
(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Dec. 1979	Nov. 1979	Dec. 1978	Nov. 1979	Dec. 1978
357	Office and computing machines	11.7	11.7	11.7	0.0	0.0
358	Refrigeration & service industry machinery	12.1	12.0	9.6	0.1	2.5
359	Misc. machinery, exc. electrical	14.1	13.9	13.3	0.2	0.8
36	Electric & electronic equipment	129.1	129.4	126.1	-0.3	3.0
361	Electric distributing equipment	19.0	19.2	20.0	-0.2	-1.0
3612	Transformers	6.4	6.4	6.4	0.0	0.0
3613	Switchgear & switchboard apparatus	12.6	12.8	13.6	-0.2	-1.0
362	Electrical industrial apparatus	23.3	23.3	23.8	0.0	-0.5
363	Household appliances	4.4	4.5	4.6	-0.1	-0.2
364	Electric lighting & wiring equipment	23.3	23.4	22.5	-0.1	0.8
3643	Current-carrying wiring devices	11.4	11.3	11.0	0.1	0.4
	Other electric light & wiring equipment	11.9	12.1	11.5	-0.2	0.4
366	Communication equipment	9.6	9.6	8.7	0.0	0.9
367	Electronic components & accessories	36.4	36.3	33.8	0.1	2.6
3674	Semiconductors & related devices	12.1	12.1	10.9	0.0	1.2
	Other electronic components & accessories	24.3	24.2	22.9	0.1	1.4
	Other electrical equipment & supplies	13.1	13.1	12.7	0.0	0.4
37	Transportation equipment	88.5	89.1	85.1	-0.6	3.4
371	Motor vehicles & equipment	31.1	31.8	30.0	-0.7	1.1
3714	Motor vehicle parts & accessories	11.4	11.7	12.0	-0.3	-0.6
	Other motor vehicles & equipment	19.7	20.1	18.0	-0.4	1.7
372	Aircraft & parts	12.1	12.1	11.3	0.0	0.8
373	Ship & boat building & repairing	8.4	8.5	7.6	-0.1	0.8
374	Railroad equipment	24.4	24.2	23.5	0.2	0.9
	Other transportation equipment	12.5	12.5	12.7	0.0	-0.2
38	Instruments & related products	39.6	39.6	38.9	0.0	0.7
382	Measuring & controlling devices	21.5	21.4	20.9	0.1	0.6
384	Medical instruments & supplies	11.1	11.2	11.0	-0.1	0.1
	Other instruments & related products	7.0	7.0	7.0	0.0	0.0
39	Miscellaneous manufacturing industries	26.3	26.3	26.2	0.0	0.1
	TOTAL NONDURABLE GOODS	521.5	523.3	534.2	-1.8	-12.7
20	Food & kindred products	97.8	98.0	99.2	-0.2	-1.4
201	Meat products	15.6	15.7	15.4	-0.1	0.2
2011	Meat packing plants	4.9	4.9	5.0	0.0	-0.1
2013	Sausages & other prepared meats	5.6	5.7	5.7	-0.1	-0.1
2016,7	Poultry dressing & processing	5.1	5.1	4.7	0.0	0.4
202	Dairy products	11.2	10.9	11.2	0.3	0.0
2026	Fluid milk	6.6	6.6	6.8	0.0	-0.2
	Other dairy products	4.6	4.3	4.4	0.3	0.2
203	Preserved fruits & vegetables	14.3	14.7	14.6	-0.4	-0.3
2033	Canned fruits & vegetables	6.8	6.9	6.9	-0.1	-0.1
	Other preserved fruits & vegetables	7.5	7.8	7.7	-0.3	-0.2
204	Grain mill products	4.4	4.3	4.6	0.1	-0.2
205	Bakery products	19.4	19.8	20.1	-0.4	-0.7
2051	Bread, cake & related products	15.0	15.0	15.4	0.0	-0.4
2052	Cookies & crackers	4.4	4.8	4.7	-0.4	-0.3
206	Sugar & confectionery products	15.2	14.9	15.3	0.3	-0.1
2065	Confectionery products	6.1	5.9	6.3	0.2	-0.2
2066	Chocolate & cocoa products	6.5	6.5	6.1	0.0	0.4
	Other sugar products	2.6	2.5	2.9	0.1	-0.3
208	Beverages	9.4	9.3	9.7	0.1	-0.3
	Other food & kindred products	8.3	8.4	8.3	-0.1	0.0
21	Tobacco manufacturers	3.5	3.5	4.1	0.0	-0.6
22	Textile mill products	48.1	48.4	50.5	-0.3	-2.4
222	Weaving mills, synthetics	4.2	4.3	4.5	-0.1	-0.3
225	Knitting mills	25.1	25.1	26.3	0.0	-1.2
2253	Knit outerwear mills	13.6	13.6	14.8	0.0	-1.2
2254	Knit underwear mills	4.7	4.7	4.7	0.0	0.0
	Other knitting mills	6.8	6.8	6.8	0.0	0.0
227	Floor covering mills	3.8	4.0	4.2	-0.2	-0.4
228	Yarn & thread mills	4.9	4.7	5.1	0.2	-0.2
	Other textile mill products	10.1	10.3	10.4	-0.2	-0.3

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(concl.)

Industry Detail

(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Dec. 1979	Nov. 1979	Dec. 1978	Nov. 1979	Dec. 1978
23	Apparel & other textile products	120.5	121.5	128.4	-1.0	-7.9
231	Mens & boys suits & coats	14.7	14.4	15.7	0.3	-1.0
232	Mens & boys furnishings	24.1	24.0	25.0	0.1	-0.9
2321	Mens & boys shirts & nightwear	9.5	9.5	10.0	0.0	-0.5
2327	Mens & boys separate trousers	5.7	5.8	6.0	-0.1	-0.3
	Other furnishings and work clothing	8.9	8.7	9.0	0.2	-0.1
233	Womens & misses outerwear	53.3	54.2	58.4	-0.9	-5.1
234	Women & childrens undergarments	10.4	10.5	10.4	-0.1	0.0
236	Childrens outerwear	6.6	6.7	7.0	-0.1	-0.4
	Other apparel & textile products	11.4	11.7	11.9	-0.3	-0.5
26	Paper & allied products	44.0	44.4	45.0	-0.4	-1.0
262	Paper mills exc. building paper	11.3	11.4	11.6	-0.1	-0.3
265	Paper board containers & boxes	16.0	16.3	16.5	-0.3	-0.5
2653	Corrugated & solid fiber boxes	8.3	8.3	8.2	0.0	0.1
	Other paperboard containers	7.7	8.0	8.3	-0.3	-0.6
	Other paper & allied products	16.7	16.7	16.9	0.0	-0.2
27	Printing & publishing	72.3	71.6	71.1	0.7	1.2
271	Newspapers	25.9	25.8	25.3	0.1	0.6
273	Books	8.4	8.3	8.3	0.1	0.1
275	Commercial printing	20.4	20.0	20.2	0.4	0.2
2752	Lithographing	10.2	10.1	10.0	0.1	0.2
	Other commercial printing	10.2	9.9	10.2	0.3	0.0
276	Manifold business forms	3.8	3.8	3.7	0.0	0.1
	Other printing & publishing	13.8	13.7	13.6	0.1	0.2
28	Chemicals & allied products	61.4	61.4	60.5	0.0	0.9
281	Industrial inorganic chemicals	11.0	11.2	10.7	-0.2	0.3
282	Plastic materials & synthetics	8.6	8.6	8.4	0.0	0.2
283	Drugs	17.6	17.4	17.2	0.2	0.4
284	Soap, cleaners & toliet goods	3.1	3.2	3.3	-0.1	-0.2
285	Paints & allied products	4.3	4.3	4.3	0.0	0.0
	Other chemical & allied products	16.8	16.7	16.6	0.1	0.2
29	Petroleum & coal products	16.9	17.3	16.6	-0.4	0.3
291	Petroleum refining	13.2	13.5	13.0	-0.3	0.2
	Other petroleum & coal products	3.7	3.8	3.6	-0.1	0.1
30	Rubber & misc. plastic products	40.5	40.7	40.7	-0.2	-0.2
301	Tires & inner tubes	7.8	7.8	8.0	0.0	-0.2
306	Fabricated rubber products	5.5	5.5	5.3	0.0	0.2
	Other rubber & plastic products, n.e.c.	27.2	27.4	27.4	-0.2	-0.2
31	Leather & leather products	16.5	16.5	18.1	0.0	-1.6
314	Footwear, exc. rubber	12.6	12.5	14.2	0.1	-1.6
3143	Mens footwear, exc. athletic	4.3	4.3	5.3	0.0	-1.0
3144	Womens footwear, exc. athletic	4.5	4.4	5.1	0.1	-0.6
	Other footwear	3.8	3.8	3.8	0.0	0.0
	Other leather & leather products	3.9	4.0	3.9	-0.1	0.0

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
TOTAL MANUFACTURING INDUSTRIES	$292.47	$294.19	$270.95	39.9	40.3	40.5	$7.33	$7.30	$6.69
TOTAL DURABLE GOODS	331.28	334.98	306.08	41.0	41.6	41.7	8.08	8.05	7.34
Lumber & wood products	198.68	204.88	189.24	37.7	39.1	38.7	5.27	5.24	4.89
Millwork, plywood & structural	217.88	214.58	201.85	38.7	39.3	39.5	5.63	5.46	5.11
Other lumber & wood products	188.98	199.68	183.07	37.2	39.0	38.3	5.08	5.12	4.78
Furniture & fixtures	236.61	229.71	215.97	39.7	39.2	39.7	5.96	5.86	5.44
Household furniture	208.12	206.33	194.33	38.9	39.3	39.1	5.35	5.25	4.97
Office furniture	244.72	244.22	234.61	38.0	38.1	39.9	6.44	6.41	5.88
Other furniture & fixtures	281.59	261.20	238.73	42.6	40.0	40.6	6.61	6.53	5.88
Stone, clay & glass products	311.86	319.68	279.97	42.2	43.2	41.6	7.39	7.40	6.73
Glass & glassware, pressed or blown	293.63	296.53	265.86	40.5	40.9	40.1	7.25	7.25	6.63
Glass containers	298.62	298.96	295.24	40.3	40.4	43.1	7.41	7.40	6.85
Other pressed or blown glass	288.86	293.53	229.42	40.8	41.4	36.3	7.08	7.09	6.32
Hydraulic cement	380.70	400.79	340.86	38.3	39.8	39.0	9.94	10.07	8.74
Structural clay products	272.72	275.52	245.57	41.7	42.0	39.8	6.54	6.56	6.17
Pottery & related products	271.23	280.14	272.40	41.6	42.9	45.1	6.52	6.53	6.04
Concrete, gypsum & plaster prods.	279.68	299.64	259.53	40.3	43.3	41.0	6.94	6.92	6.33
Other stone, clay & glass prods.	360.82	365.66	306.07	46.2	46.7	43.6	7.81	7.83	7.02
Primary metal industries	422.28	425.60	368.87	40.8	41.2	41.4	10.35	10.33	8.91
Blast furnace & basic steel prods.	458.06	462.89	395.65	40.5	41.0	41.3	11.31	11.29	9.58
Blast furnaces & steel mills	466.32	470.90	400.31	40.2	40.7	41.1	11.60	11.57	9.74
Other basic steel products	380.63	377.58	347.20	43.6	43.6	43.4	8.73	8.66	8.00
Iron & steel foundries	313.47	311.81	283.29	40.5	40.6	39.9	7.74	7.68	7.10
Gray iron foundries	297.08	296.06	279.16	40.2	40.5	40.4	7.39	7.31	6.91
Steel foundries, n.e.c.	313.20	312.40	287.08	40.0	40.0	38.9	7.83	7.81	7.38
Malleable iron & steel invest.	340.27	336.15	284.26	41.7	41.5	40.9	8.16	8.10	6.95
Nonferrous rolling & drawing	335.86	335.33	300.88	42.3	42.5	42.8	7.94	7.89	7.03
Nonferrous foundries	304.98	296.96	277.76	44.2	43.8	43.4	6.90	6.78	6.40
Other primary metal products	323.53	331.27	292.72	41.8	42.8	42.3	7.74	7.74	6.92
Fabricated metal prods., incl. ordn.	299.80	299.30	285.49	40.9	41.0	41.8	7.33	7.30	6.83
Metal cans & shipping containers	360.36	355.28	333.76	44.0	43.7	43.8	8.19	8.13	7.62
Cutlery, hand tools & hardware	235.39	235.77	220.13	38.4	39.1	39.1	6.13	6.03	5.63
Plumbing & heating exc. electrical	303.70	310.07	265.52	45.6	45.8	43.6	6.66	6.77	6.09
Fabricated structural metal prods.	295.39	297.77	269.80	40.8	41.3	41.7	7.24	7.21	6.47
Fabricated struct. metal	287.65	284.17	297.54	35.6	35.3	40.1	8.08	8.05	7.42
Fab. plate work (boiler shops)	308.28	331.59	280.99	42.0	45.8	43.7	7.34	7.24	6.43
Other fab. struct. metal prods.	291.36	284.60	247.61	43.1	42.1	41.2	6.76	6.76	6.01
Screw machine products, bolts, etc.	280.71	275.27	263.13	41.1	40.6	41.9	6.83	6.78	6.28
Metal forgings & stampings	344.52	337.65	360.32	39.6	38.9	43.1	8.70	8.68	8.36
Iron & steel forgings	319.45	318.10	316.48	42.2	41.8	43.0	7.57	7.61	7.36
Other metal forgings & stampings	352.94	344.89	375.40	38.7	37.9	43.1	9.12	9.10	8.71
Metal services & ordnance, n.e.c.	279.48	286.48	251.83	41.1	41.7	40.1	6.80	6.87	6.28
Misc. fabricated metal products	286.77	287.18	276.05	41.5	41.5	41.7	6.91	6.92	6.62
Valves & pipe fittings	290.91	294.95	283.75	42.1	42.5	42.1	6.91	6.94	6.74
Other misc. fab. metal products	284.00	281.93	270.76	41.1	40.8	41.4	6.91	6.91	6.54
Machinery, exc. electrical	322.75	329.84	309.31	42.3	43.4	42.9	7.63	7.60	7.21
Engines & turbines	287.15	286.44	315.74	38.7	38.5	41.6	7.42	7.44	7.59
Farm & garden machinery	422.50	426.45	346.86	48.9	49.3	45.7	8.64	8.65	7.59
Construction & related machinery	301.41	303.56	323.09	39.4	40.1	42.4	7.65	7.57	7.62
Construction machinery	249.92	250.80	342.98	35.3	36.4	42.5	7.08	6.89	8.07
Conveyors & conveying equipment	268.49	264.26	248.61	39.6	40.1	39.4	6.78	6.59	6.31
Other constr. & related mach.	333.63	337.22	317.58	41.6	42.1	42.8	8.02	8.01	7.42
Metal working machinery	322.78	326.79	307.57	39.8	40.9	40.9	8.11	7.99	7.52
Special industry machinery	333.40	324.54	298.20	44.1	43.1	42.6	7.56	7.53	7.00
General industrial machinery	342.65	363.14	310.73	44.5	47.1	44.2	7.70	7.71	7.03
Pumps & pumping equipment	322.09	354.82	295.99	41.4	45.2	43.4	7.78	7.85	6.82
Ball & roller bearings	343.55	344.01	338.83	46.3	46.3	44.7	7.42	7.43	7.58
Air & gas compressors	423.02	436.84	329.00	50.6	53.6	46.8	8.36	8.15	7.03
Industrial furnaces & ovens	299.86	298.35	279.74	39.3	39.0	39.4	7.63	7.65	7.10
Other general industrial mach.	330.68	362.71	305.72	43.8	47.6	44.5	7.55	7.62	6.87
Office and computing machines	355.39	353.92	350.06	45.1	44.8	46.0	7.88	7.90	7.61
Refrigeration & serv. ind. mach.	280.34	282.32	243.54	42.8	43.3	41.0	6.55	6.52	5.94
Misc. machinery, exc. electrical	305.24	319.45	290.35	41.7	43.7	43.4	7.32	7.31	6.69

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(cont.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
Electrical & electronic equipment	$280.95	$283.73	$264.92	40.6	41.3	41.2	$6.92	$6.87	$6.43
Electric distributing equipment	327.24	324.17	317.25	41.9	42.1	42.3	7.81	7.70	7.50
Transformers	295.53	305.78	301.97	40.1	41.1	43.2	7.37	7.44	6.99
Switchgear & switchbrd apparatus	343.68	333.56	325.20	42.8	42.6	41.8	8.03	7.83	7.78
Electrical industrial apparatus	278.20	276.71	272.95	39.8	39.7	40.8	6.99	6.97	6.69
Household appliances	232.13	239.76	238.45	33.4	34.9	37.2	6.95	6.87	6.41
Electric lighting & wiring equip.	269.19	279.07	250.56	41.8	43.2	41.9	6.44	6.46	5.98
Current-carrying wiring devices	287.42	294.77	247.28	44.7	45.7	41.7	6.43	6.45	5.93
Other elect lght & wirng equip.	257.60	269.80	252.42	40.0	41.7	42.0	6.44	6.47	6.01
Communication equipment	332.84	340.69	283.15	42.4	43.4	40.8	7.85	7.85	6.94
Electronic components & access.	280.13	279.12	253.86	41.5	42.1	42.1	6.75	6.63	6.03
Semiconductors & related devices	378.84	376.59	318.08	45.1	45.1	43.1	8.40	8.35	7.38
Other electronic comp.& access.	233.23	232.40	218.82	39.8	40.7	41.6	5.86	5.71	5.26
Other electrical equip. & supplies	240.21	248.06	225.41	37.3	38.4	38.4	6.44	6.46	5.87
Transportation equipment	348.80	349.76	348.29	40.7	41.1	43.7	8.57	8.51	7.97
Motor vehicles & equipment	356.25	352.96	389.99	40.3	40.2	45.4	8.84	8.78	8.59
Motor vehicle parts & access.	385.84	362.23	417.69	42.4	40.7	48.4	9.10	8.90	8.63
Other motor vehicles & equip.	336.10	346.26	367.22	38.9	39.8	42.9	8.64	8.70	8.56
Aircraft & parts	346.23	357.86	312.75	40.9	42.4	41.7	8.47	8.44	7.50
Ship & boat building & repairing	320.25	337.19	314.36	40.9	42.9	43.3	7.83	7.86	7.26
Railroad equipment	370.76	364.80	332.11	40.3	40.0	40.8	9.20	9.12	8.14
Other transportation equipment	295.58	306.16	313.41	42.9	44.5	47.2	6.89	6.88	6.64
Instruments & related products	279.72	277.20	253.17	42.0	42.0	40.9	6.66	6.60	6.19
Measuring & controlling devices	293.51	297.65	273.37	42.6	43.2	41.8	6.89	6.89	6.54
Medical instruments & supplies	260.35	253.17	228.73	41.0	40.9	39.3	6.35	6.19	5.82
Other instruments & related prods.	264.96	249.70	230.77	41.4	39.2	40.7	6.40	6.37	5.67
Misc. manufacturing industries	256.10	272.83	255.00	39.4	41.4	40.8	6.50	6.59	6.25
TOTAL NONDURABLE GOODS	230.89	230.78	216.55	38.1	38.4	38.6	6.06	6.01	5.61
Food & kindred products	261.14	261.06	250.69	40.3	40.6	41.3	6.48	6.43	6.07
Meat products	278.22	282.05	254.07	41.9	42.8	42.7	6.64	6.59	5.95
Meat packing plants	322.93	314.93	289.08	43.0	42.5	43.8	7.51	7.41	6.60
Sausages & other prepared meats	310.02	315.59	286.23	39.9	40.1	40.6	7.77	7.87	7.05
Poultry dressing & processing	210.21	220.68	190.97	42.9	45.5	43.8	4.90	4.85	4.36
Dairy products	280.31	283.33	253.59	41.9	42.1	41.1	6.69	6.73	6.17
Fluid milk	281.24	292.87	263.30	40.7	42.2	42.4	6.91	6.94	6.21
Other dairy products	280.14	275.10	244.59	42.9	42.0	39.9	6.53	6.55	6.13
Preserved fruits & vegetables	209.06	212.60	194.05	37.6	38.1	37.9	5.56	5.58	5.12
Canned fruits & vegetables	169.78	175.01	155.61	36.2	37.0	36.7	4.69	4.73	4.24
Other preserved fruits & vegs.	248.82	249.07	230.49	39.0	39.1	39.0	6.38	6.37	5.91
Grain mill products	264.26	282.74	284.62	39.5	42.2	42.8	6.69	6.70	6.65
Bakery products	242.42	246.98	248.86	39.1	39.9	40.4	6.20	6.19	6.16
Bread, cake & related products	243.07	250.24	232.20	38.4	39.1	38.7	6.33	6.40	6.00
Cookies & crackers	241.31	239.93	290.14	40.9	41.8	44.5	5.90	5.74	6.52
Sugar & confectionery products	265.18	258.61	260.57	38.6	38.2	41.1	6.87	6.77	6.34
Confectionery products	210.16	210.60	225.36	35.5	36.0	40.9	5.92	5.85	5.51
Chocolate & cocoa products	284.74	287.52	272.90	40.3	40.1	41.6	7.14	7.17	6.56
Other sugar products	362.45	313.21	303.69	43.2	39.2	40.6	8.39	7.99	7.48
Beverages	352.35	334.05	331.01	43.5	42.5	43.9	8.10	7.86	7.54
Other food & kindred products	251.55	248.82	236.83	43.9	43.5	44.6	5.73	5.72	5.31
Tobacco manufacturers	174.87	166.02	153.27	40.2	38.7	39.2	4.35	4.29	3.91
Textile mill products	187.70	188.37	175.11	38.7	39.0	39.0	4.85	4.83	4.49
Weaving mills, synthetics	231.80	222.83	183.60	45.9	44.3	40.0	5.05	5.03	4.59
Knitting mills	170.57	171.38	160.13	37.0	37.5	37.5	4.61	4.57	4.27
Knit outerwear mills	168.35	169.95	157.19	37.0	37.6	36.9	4.55	4.52	4.26
Knit underwear mills	148.12	150.12	147.00	35.1	36.0	37.5	4.22	4.17	3.92
Other knitting mills	192.00	189.97	176.22	38.4	38.3	38.9	5.00	4.96	4.53
Floor covering mills	224.32	234.02	246.05	37.2	39.2	44.9	6.03	5.97	5.48
Yarn & thread mills	168.14	173.12	161.41	37.2	38.3	38.8	4.52	4.52	4.16
Other textile mill products	211.46	208.28	195.84	41.3	40.6	40.8	5.12	5.13	4.80

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

(concl.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
Apparel & other textile products	$146.28	$149.77	$143.05	31.8	32.7	33.5	$4.60	$4.58	$4.27
Mens & boys suits & coats	203.97	204.57	207.50	36.1	36.4	39.6	5.65	5.62	5.24
Mens & boys furnishings	154.79	159.43	148.16	35.1	36.4	35.7	4.41	4.38	4.15
Mens & boys shirts & nightwear	151.80	152.69	147.19	34.5	35.1	35.9	4.40	4.35	4.10
Mens & boys separate trousers	170.52	169.01	159.97	33.9	33.6	34.7	5.03	5.03	4.61
Other furnishings & wrk. clothng	147.78	159.58	140.07	36.4	39.5	36.1	4.06	4.04	3.88
Womens & misses outerwear	132.31	138.57	131.21	28.7	29.8	30.8	4.61	4.65	4.26
Women & childrens undergarments	122.94	129.12	126.20	32.1	33.8	34.2	3.83	3.82	3.69
Childrens outerwear	129.30	128.53	123.28	30.0	30.1	32.7	4.31	4.27	3.77
Other apparel & textile products	149.13	145.86	131.93	34.6	34.4	33.4	4.31	4.24	3.95
Paper & allied products	308.23	303.91	285.25	45.8	45.7	44.5	6.73	6.65	6.41
Paper mills exc. building paper	398.54	393.47	353.87	48.9	49.0	46.5	8.15	8.03	7.61
Paper board containers & boxes	290.86	291.02	258.52	42.9	43.5	41.9	6.78	6.69	6.17
Corrugated & solid fiber boxes	297.46	294.99	271.75	41.2	41.2	40.2	7.22	7.16	6.76
Other paperboard containers	284.03	279.10	245.47	44.8	44.8	43.6	6.34	6.23	5.63
Other paper & allied products	277.30	273.20	271.27	47.0	46.7	45.9	5.90	5.85	5.91
Printing & publishing	289.89	276.77	268.88	38.6	37.3	37.5	7.51	7.42	7.17
Newspapers	296.56	302.58	276.96	33.7	34.7	33.9	8.80	8.72	8.17
Books	227.79	217.01	217.83	36.8	34.5	37.3	6.19	6.29	5.84
Commercial printing	311.54	288.90	286.41	41.1	39.2	38.6	7.58	7.37	7.42
Lithographing	296.11	272.70	260.07	39.8	38.3	37.1	7.44	7.12	7.01
Other commercial printing	326.13	305.16	299.60	42.3	40.1	40.0	7.71	7.61	7.49
Manifold business forms	326.20	290.29	301.34	44.2	40.6	43.8	7.38	7.15	6.88
Other printing & publishing	280.85	267.84	254.69	39.5	38.1	37.9	7.11	7.03	6.72
Chemicals & allied products	304.29	311.75	287.80	41.4	42.3	42.7	7.35	7.37	6.74
Industrial inorganic chemicals	334.72	348.38	320.17	44.1	45.9	46.2	7.59	7.59	6.93
Piastic materials & synthetics	323.67	309.07	270.76	42.7	41.1	40.9	7.58	7.52	6.62
Drugs	286.12	296.32	272.74	38.2	39.3	39.7	7.49	7.54	6.87
Soap, cleaners & toliet goods	289.92	290.56	291.97	45.3	45.4	48.5	6.40	6.40	6.02
Paints & allied products	273.03	265.88	264.45	39.8	39.1	41.0	6.86	6.80	6.45
Other chemical & allied products	305.87	321.93	299.44	41.9	43.8	44.1	7.30	7.35	6.79
Petroleum & coal products	411.10	419.03	368.07	44.3	45.3	42.7	9.28	9.25	8.62
Petroleum refining	429.53	439.93	381.56	44.1	45.4	41.7	9.74	9.69	9.15
Other petroleum & coal products	336.75	342.14	325.25	44.9	44.9	46.2	7.50	7.62	7.04
Rubber & misc. plastic products	239.34	242.78	237.38	39.3	39.8	41.5	6.09	6.10	5.72
Tires & inner tubes	381.04	398.00	388.97	44.0	45.8	48.5	8.66	8.69	8.02
Fabricated rubber products	285.09	276.49	257.23	44.2	43.0	42.8	6.45	6.43	6.01
Other rubber & plastic prods.,nec	195.45	198.07	191.78	37.3	37.8	39.3	5.24	5.24	4.88
Leather & leather products	164.55	166.27	147.02	38.9	39.4	37.6	4.23	4.22	3.91
Footwear, exc. rubber	151.58	150.86	132.85	37.8	38.0	36.1	4.01	3.97	3.68
Mens footwear, exc. athletic	168.09	163.21	145.36	40.7	40.7	39.5	4.13	4.01	3.68
Womens footwear, exc. athletic	146.15	148.93	122.91	37.0	37.8	33.4	3.95	3.94	3.68
Other footwear	138.69	138.25	128.06	35.2	35.0	34.8	3.94	3.95	3.68
Other leather & leather products	206.24	213.69	199.52	42.7	43.7	43.0	4.83	4.89	4.64
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	373.32	373.84	327.51	47.8	48.3	42.7	7.81	7.74	7.67
Bituminous coal & lignite mining	374.72	365.23	342.31	34.6	33.6	34.3	10.83	10.87	9.98
Nonmetallic minerals, exc. fuels	326.78	340.38	311.11	44.4	46.5	44.7	7.36	7.32	6.96
Communication	350.61	366.13	338.24	40.3	41.7	41.4	8.70	8.78	8.17
Electric, gas, & sanitary services	400.51	409.91	371.45	44.8	45.8	43.7	8.94	8.95	8.50
Electric services	412.19	429.39	379.22	47.0	48.3	45.8	8.77	8.89	8.28
Gas production & distribution	356.10	354.78	318.53	42.8	43.8	41.1	8.32	8.10	7.75
General merchandise stores	130.13	127.51	122.27	28.6	27.6	28.5	4.55	4.62	4.29
Banking	177.45	176.54	158.98	INA	INA	INA	INA	INA	INA
Insurance carriers	214.18	212.15	195.48	INA	INA	INA	INA	INA	INA
Life insurance	203.96	202.02	183.31	INA	INA	INA	INA	INA	INA
Fire, marine & casualty ins.	213.87	212.53	198.78	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$154.42	39.8	$3.88	$172.61	41.0	$4.21	$130.60	38.3	$3.41	$191.83	40.3	$4.76
1973	167.23	40.2	4.16	187.17	41.5	4.51	139.03	38.3	3.63	212.38	41.4	5.13
1974	180.97	39.6	4.57	203.45	41.1	4.95	146.59	37.3	3.93	239.61	41.1	5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1978 Dec	270.95	40.5	6.69	306.08	41.7	7.34	216.55	38.6	5.61	368.87	41.4	8.91
1979 Jan	269.20	40.0	6.73	305.95	41.4	7.39	212.81	37.8	5.63	373.92	41.5	9.01
Feb	271.32	39.9	6.80	308.92	41.3	7.48	212.06	37.6	5.64	384.14	41.8	9.19
Mar	274.44	40.3	6.81	313.50	41.8	7.50	215.65	38.1	5.66	387.74	42.1	9.21
Apr	265.30	38.9	6.82	301.50	40.2	7.50	209.59	36.9	5.68	396.68	42.2	9.40
May	273.14	39.7	6.88	311.54	41.1	7.58	215.27	37.7	5.71	387.39	41.3	9.38
Jun	278.29	40.1	6.94	316.30	41.4	7.64	218.12	38.0	5.74	397.00	42.1	9.43
Jul	277.31	39.9	6.95	313.65	41.0	7.65	221.37	38.3	5.78	397.00	42.1	9.43
Aug	279.49	39.7	7.04	317.79	40.9	7.77	221.92	38.0	5.84	399.75	41.0	9.75
Sep	285.51	40.1	7.12	323.42	41.2	7.85	225.00	38.2	5.89	407.12	41.5	9.81
Oct	284.57	39.8	7.15	323.05	41.1	7.86	224.37	37.9	5.92	397.39	40.8	9.74
Nov	294.19	40.3	7.30	334.98	41.6	8.05	230.78	38.4	6.01	425.60	41.2	10.33
Dec	292.47	39.9	7.33	331.28	41.0	8.08	230.89	38.1	6.06	422.28	40.8	10.35

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$168.47	41.7	$4.04	$183.17	42.4	$4.32	$161.57	40.8	$3.96	$180.59	40.4	$4.47
1973	182.68	41.9	4.36	198.77	43.4	4.58	167.69	40.8	4.11	197.69	41.1	4.81
1974	196.24	41.4	4.74	209.78	42.9	4.89	175.96	39.9	4.41	215.54	40.9	5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1978 Dec	285.49	41.8	6.83	309.31	42.9	7.21	264.92	41.2	6.43	348.29	43.7	7.97
1979 Jan	278.94	40.9	6.82	302.74	42.4	7.14	259.84	40.6	6.40	345.06	42.6	8.10
Feb	281.11	40.8	6.89	306.00	42.5	7.20	260.58	40.4	6.45	339.81	41.9	8.11
Mar	287.04	41.3	6.95	310.17	42.9	7.23	264.68	41.1	6.44	341.88	42.0	8.14
Apr	261.23	38.7	6.75	286.63	40.2	7.13	250.63	39.1	6.41	311.65	39.4	7.91
May	288.23	41.0	7.03	303.47	41.8	7.26	261.55	40.3	6.49	333.33	41.0	8.13
Jun	288.36	40.5	7.12	309.33	42.2	7.33	264.31	40.6	6.51	334.15	41.0	8.15
Jul	282.80	40.0	7.07	303.99	41.7	7.29	260.95	39.9	6.54	334.55	40.7	8.22
Aug	283.60	40.0	7.09	312.28	42.2	7.40	256.71	39.8	6.45	341.04	40.6	8.40
Sep	286.80	40.0	7.17	318.33	42.5	7.49	271.62	40.3	6.74	350.26	41.5	8.44
Oct	292.66	40.2	7.28	321.73	42.5	7.57	273.91	40.4	6.78	355.28	41.7	8.52
Nov	299.30	41.0	7.30	329.84	43.4	7.60	283.73	41.3	6.87	349.76	41.1	8.51
Dec	299.80	40.9	7.33	322.75	42.3	7.63	280.95	40.6	6.92	348.80	40.7	8.57

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$149.48	40.4	$3.70	$113.08	39.4	$2.87	$ 94.24	33.9	$2.78	$170.33	38.8	$4.39
1973	158.36	40.5	3.91	120.43	39.1	3.08	99.71	33.8	2.95	180.81	38.8	4.66
1974	171.68	40.3	4.26	124.74	37.8	3.30	103.02	32.6	3.16	189.52	38.0	4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1978 Dec	250.69	41.3	6.07	175.11	39.0	4.49	143.05	33.5	4.27	268.88	37.5	7.17
1979 Jan	243.01	40.1	6.06	174.72	38.4	4.55	140.28	32.7	4.29	254.51	36.1	7.05
Feb	240.34	39.4	6.10	171.00	37.5	4.56	141.57	33.0	4.29	252.74	35.9	7.04
Mar	247.02	40.1	6.16	178.87	38.8	4.61	140.91	33.0	4.27	258.09	36.3	7.11
Apr	242.09	39.3	6.16	173.58	37.9	4.58	137.03	31.5	4.35	245.70	35.1	7.00
May	248.00	40.0	6.20	180.11	38.9	4.63	139.54	32.3	4.32	254.54	35.8	7.11
Jun	248.58	39.9	6.23	182.82	39.4	4.64	143.77	32.9	4.37	256.68	36.0	7.13
Jul	253.49	40.3	6.29	178.31	38.1	4.68	145.25	33.7	4.31	265.27	37.1	7.15
Aug	256.07	40.2	6.37	180.01	38.3	4.70	142.79	32.6	4.38	266.35	37.2	7.16
Sep	256.14	40.4	6.34	181.93	38.3	4.75	146.17	32.7	4.47	268.93	37.3	7.21
Oct	248.77	39.3	6.33	185.85	38.8	4.79	148.98	32.6	4.57	265.70	36.8	7.22
Nov	261.06	40.6	6.43	188.37	39.0	4.83	149.77	32.7	4.58	276.77	37.3	7.42
Dec	261.14	40.3	6.48	187.70	38.7	4.85	146.28	31.8	4.60	289.89	38.6	7.51

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1968	$119.20	40.0	$2.98	105.6	104.2	$114.40	$ 4.80
1969	127.52	40.1	3.18	112.7	109.8	116.14	11.38
1970	131.71	39.2	3.36	119.1	116.3	113.25	18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
MANUFACTURING	987.4	992.1	993.7	39,361.9	40,021.5	40,235.6	288,649.3	291,993.4	269,087.9
DURABLE GOODS	603.7	606.6	599.6	24,757.1	25,218.8	25,018.3	200,182.6	203,032.9	183,703.7
NONDUR. GOODS	383.7	385.5	394.1	14,604.8	14,802.7	15,217.3	88,466.7	88,960.5	85,384.2

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Group
(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1972	1,444.0	841.7	24.7	22.5	65.3	210.7	120.5	131.0
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.5	809.3	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,362.1	825.4	21.7	20.3	64.3	199.5	112.3	137.3
1978 Dec.	1,371.2	837.0	21.4	20.9	63.8	201.4	114.5	135.7
1979 Jan.	1,364.3	835.0	20.8	20.7	62.2	201.7	114.5	140.6
Feb.	1,363.4	837.0	20.8	20.8	61.3	202.1	114.8	140.9
Mar.	1,365.4	837.3	21.1	20.3	62.0	201.7	114.6	140.8
Apr.	1,365.5	836.8	21.7	20.2	62.5	201.6	114.9	141.2
May	1,368.4	841.8	21.8	20.0	63.4	202.2	114.6	140.8
Jun.	1,387.3	854.2	22.1	20.4	65.1	206.8	115.4	141.8
Jul.	1,374.3	849.5	21.7	19.7	64.9	206.5	113.5	140.2
Aug.	1,367.8	839.2	22.0	20.5	64.4	206.8	114.8	137.7
Sep.	1,376.5	849.7	21.8	20.8	63.7	204.4	114.6	140.9
Oct.	1,372.6	847.9	21.6	20.9	63.1	202.2	114.9	141.3
Nov.	1,368.3	845.0	21.1	20.8	62.5	201.6	114.7	139.9
Dec.	1,364.9	843.4	20.8	20.3	62.1	201.2	115.0	140.5

Year and Month	Electrical Equipment and Supplies	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1972	133.7	69.0	34.0	30.4	602.3	109.6	7.5	62.9
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.3	37.3	27.8	532.2	98.8	3.6	49.4
1978	124.6	80.6	38.3	26.6	536.7	98.1	4.1	50.6
1978 Dec.	126.1	85.1	38.9	26.2	534.2	99.2	4.1	50.5
1979 Jan.	126.6	83.5	39.2	25.2	529.3	96.8	4.1	49.6
Feb.	126.6	84.6	39.5	25.6	526.4	94.1	4.0	49.1
Mar.	126.5	84.6	39.8	25.9	528.1	95.2	4.0	49.3
Apr.	127.4	81.3	39.9	26.1	528.7	95.6	3.9	49.1
May	127.6	85.5	39.9	26.0	526.6	94.6	3.9	49.2
Jun.	128.3	87.2	40.4	26.7	533.1	96.4	3.9	49.2
Jul.	129.3	87.2	40.0	26.5	524.8	96.5	3.8	47.8
Aug.	120.4	86.3	39.3	27.0	528.6	98.6	3.7	48.8
Sep.	129.1	88.2	39.4	26.8	526.8	98.9	3.6	48.4
Oct.	128.6	88.9	39.5	26.9	524.7	98.9	3.5	48.2
Nov.	129.4	89.1	39.6	26.3	523.3	98.0	3.5	48.4
Dec.	129.1	88.5	39.6	26.3	521.5	97.8	3.5	48.1

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)
Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1972	162.6	66.0	44.9	71.8	59.4	19.8	38.7	25.1
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	133.0	59.8	44.5	70.6	60.0	17.0	39.8	19.0
1978 Dec.	128.4	58.4	45.0	71.1	60.5	16.6	40.7	18.1
1979 Jan.	127.6	58.9	44.6	70.8	60.6	16.6	40.5	18.1
Feb.	129.6	59.2	44.1	70.4	60.1	16.5	40.6	17.9
Mar.	128.9	59.4	44.3	70.8	60.8	16.6	40.7	17.5
Apr.	129.3	58.8	44.8	70.8	60.9	16.9	40.4	17.0
May	127.8	57.4	44.3	70.9	61.1	17.1	40.5	17.2
Jun.	128.8	58.5	45.2	71.3	62.1	17.6	41.2	17.4
Jul.	123.6	55.6	45.2	71.0	62.3	17.6	40.9	16.1
Aug.	123.2	54.3	46.1	70.8	62.1	17.7	40.7	16.9
Sep.	123.2	54.7	45.6	70.8	61.5	17.4	40.7	16.7
Oct.	122.4	54.6	44.8	70.9	61.4	17.1	40.8	16.7
Nov.	121.5	54.2	44.4	71.6	61.4	17.3	40.7	16.5
Dec.	120.5	53.3	44.0	72.3	61.4	16.9	40.5	16.5

TABLE 12. SELECTED PENNSYLVANIA INDICES
(Not Adjusted)
1967 = 100

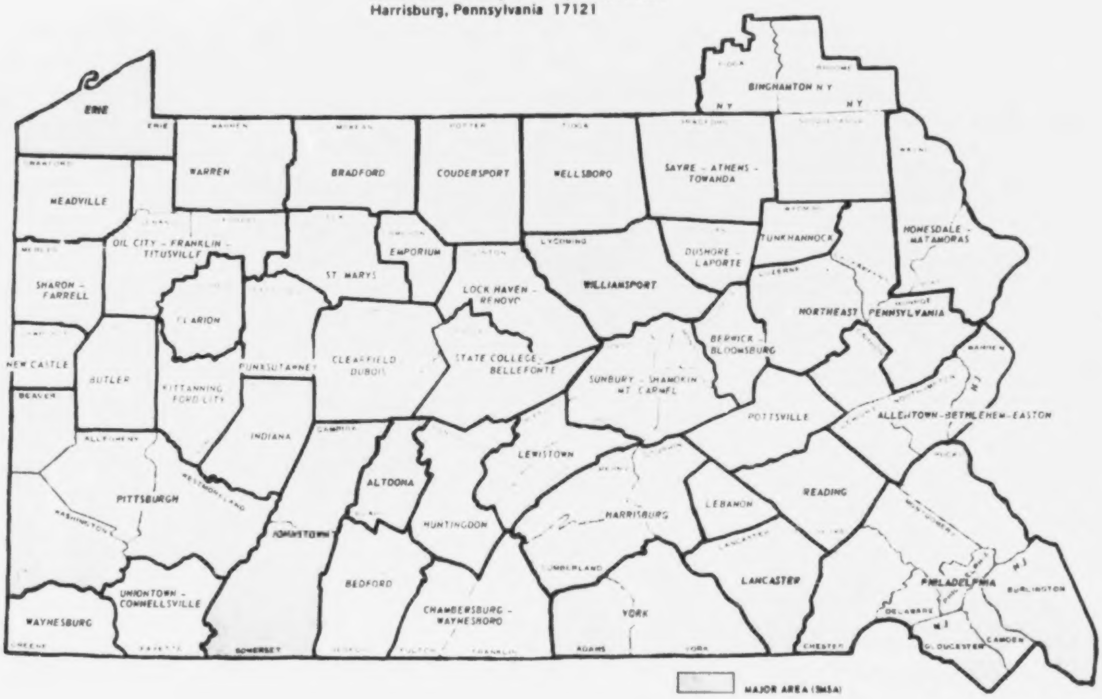
	1979		1978	1977	ANNUAL AVERAGE	
Industry Group	Dec.	Nov.	Dec.	Dec.	1978	1977
EMPLOYMENT						
All Manufacturing	87.7	87.9	88.1	86.2	87.5	86.2
Primary Metals	78.5	78.7	78.6	76.8	77.8	77.9
Apparel	67.1	67.6	71.5	73.2	74.1	74.6
All Nonmanufacturing	129.3	129.4	128.8	125.3	126.7	123.5
Construction	103.5	109.3	106.1	99.2	107.6	101.3
Retail Trade	132.7	131.7	135.7	133.3	129.3	124.8
Services	151.5	152.0	147.3	142.1	144.9	140.8
Government	126.0	124.4	124.8	126.5	126.6	125.4

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121


ERIE
BINGHAMTON N Y
N Y
N Y
MEADVILLE
WARREN
BRADFORD
COUDERSPORT
WELLSBORO
SAYRE - ATHENS - TOWANDA
OIL CITY - FRANKLIN - TITUSVILLE
SHARON - FARRELL
EMPORIUM
ST MARYS
LOCK HAVEN - RENOVO
WILLIAMSPORT
DUSHORE - LAPORTE
TUNKHANNOCK
HONESDALE - MATAMORAS
NORTHEAST PENNSYLVANIA
CLARION
NEW CASTLE
BUTLER
KITTANNING FORD CITY
PUNXSUTAWNEY
CLEARFIELD DUBOIS
STATE COLLEGE - BELLEFONTE
SUNBURY - SHAMOKIN MT CARMEL
BERWICK - BLOOMSBURG
POTTSVILLE
ALLENTOWN-BETHLEHEM-EASTON
N J
INDIANA
PITTSBURGH
ALTOONA
LEWISTOWN
HUNTINGDON
JOHNSTOWN
HARRISBURG
LEBANON
READING
UNIONTOWN - CONNELLSVILLE
WAYNESBURG
BEDFORD
CHAMBERSBURG - WAYNESBORO
YORK
LANCASTER
PHILADELPHIA
N J
BURLINGTON
N J
GLOUCESTER
CAMDEN
DELAWARE
CHESTER
ADAMS
YORK
SOMERSET
MAJOR AREA (SMSA)

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN – BETHLEHEM – EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES
MAJOR LABOR MARKET AREAS

(Per 100 Employees)
NOVEMBER 1979

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978
PENNSYLVANIA	1,368.3	2.2	2.9	2.3	1.3	1.9	1.5	0.8	0.8	0.6
ALLENTOWN-BETHLEHEM-EASTON	110.9	2.0	2.9	1.8	1.3	1.7	1.3	0.5	1.0	0.3
ALTOONA	13.2	2.0	2.0	2.1	0.6	1.6	0.4	1.3	0.3	1.5
ERIE	44.5	1.7	2.6	2.3	1.0	1.8	1.5	0.3	0.4	0.3
HARRISBURG	43.0	2.0	3.1	2.4	1.4	2.4	1.7	0.4	0.5	0.2
JOHNSTOWN	20.1	2.4	2.8	3.4	0.4	1.2	1.2	2.0	1.6	2.2
LANCASTER	59.5	2.9	3.2	3.1	2.4	2.8	2.5	0.3	1.3	0.4
NORTHEAST	70.2	2.8	4.6	3.5	1.4	1.8	1.6	1.2	2.5	1.7
SCRANTON	29.3	3.1	4.6	2.6	1.5	1.9	1.4	1.5	2.5	1.1
WILKES-BARRE-HAZLETON	36.4	2.6	4.3	2.8	1.2	1.5	1.3	1.1	2.4	1.3
PHILADELPHIA	456.6	2.2	3.0	2.3	1.6	2.1	1.7	0.5	0.6	0.5
PITTSBURGH	252.3	2.1	2.2	1.7	0.7	1.0	0.7	1.2	0.9	0.8
READING	54.8	2.3	3.5	2.7	1.6	3.0	2.2	0.6	0.4	0.3
WILLIAMSPORT	17.1	1.0	1.3	3.2	0.5	0.7	1.4	0.5	0.5	1.6
YORK	63.8	2.8	4.0	3.6	2.2	3.3	3.3	0.5	0.6	0.2

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978	Nov. 1979	Oct. 1979	Nov. 1978
PENNSYLVANIA	1,368.3	2.9	3.1	2.7	0.9	1.1	1.0	1.4	1.3	1.1
ALLENTOWN-BETHLEHEM-EASTON	110.9	2.7	2.6	1.9	0.7	1.0	0.8	1.7	1.2	0.7
ALTOONA	13.2	2.6	2.4	3.2	0.7	0.8	1.0	1.5	1.0	1.9
ERIE	44.5	2.7	3.2	3.8	0.7	1.1	0.9	1.4	1.1	2.1
HARRISBURG	43.0	2.4	4.1	2.2	1.1	1.5	1.2	0.8	1.9	0.2
JOHNSTOWN	20.1	2.1	2.9	2.8	0.5	0.6	0.7	1.4	2.0	0.8
LANCASTER	59.5	3.0	3.3	2.9	1.7	2.0	1.9	0.8	0.7	0.6
NORTHEAST	70.2	4.1	4.8	4.0	1.1	1.3	1.2	2.4	2.9	2.3
SCRANTON	29.3	2.6	3.5	3.0	1.0	1.3	1.1	1.2	1.8	1.5
WILKES-BARRE-HAZLETON	36.4	4.6	4.2	3.9	0.9	1.1	1.1	3.0	2.5	2.4
PHILADELPHIA	456.6	2.9	3.1	2.4	1.0	1.2	0.9	1.2	1.2	0.8
PITTSBURGH	252.3	2.2	3.0	2.3	0.4	0.6	0.5	1.3	1.7	1.2
READING	54.8	3.0	3.1	2.6	1.2	1.6	1.5	1.3	1.0	0.6
WILLIAMSPORT	17.1	2.0	2.1	2.7	0.3	0.4	0.8	1.4	1.4	1.6
YORK	63.8	3.6	3.8	3.4	1.8	2.2	2.1	1.3	0.8	0.7

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
PENNSYLVANIA	$292.47	$294.19	$270.95	39.9	40.3	40.5	$7.33	$7.30	$6.69
ALLENTOWN-BETHLEHEM-EASTON	292.59	295.60	261.80	38.6	39.1	38.5	7.58	7.56	6.80
ALTOONA	243.13	245.86	218.69	38.9	39.4	38.3	6.25	6.24	5.71
ERIE	302.21	303.12	275.22	41.8	42.1	41.7	7.23	7.20	6.60
HARRISBURG	282.08	283.66	254.34	41.3	41.9	40.5	6.83	6.77	6.28
JOHNSTOWN	316.32	312.00	281.08	39.1	39.0	39.7	8.09	8.00	7.08
LANCASTER	266.27	263.96	246.69	41.8	41.7	41.6	6.37	6.33	5.93
NORTHEAST	209.44	207.38	192.38	37.4	37.5	37.5	5.60	5.53	5.13
SCRANTON	218.67	214.50	205.71	39.4	39.0	40.1	5.55	5.50	5.13
WILKES-BARRE-HAZLETON	201.35	201.08	181.09	35.7	36.1	35.3	5.64	5.57	5.13
PHILADELPHIA	295.71	292.63	278.92	40.9	40.7	41.2	7.23	7.19	6.77
PITTSBURGH	356.33	364.62	326.82	40.4	41.2	40.7	8.82	8.85	8.03
READING	271.95	270.86	241.25	39.7	39.6	39.1	6.85	6.84	6.17
WILLIAMSPORT	262.19	267.47	245.23	38.9	40.1	40.4	6.74	6.67	6.07
YORK	256.04	257.84	252.88	41.7	42.2	42.5	6.14	6.11	5.95

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT
MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	Dec. 1979		Nov. 1979		Dec. 1978	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	5.6	5.9	5.6	5.8	5.6	5.9
PENNSYLVANIA	6.6	7.3	6.9	7.5	6.0	6.7
ALLENTOWN-BETH-EASTON	6.7	7.1	6.3	7.1	5.2	5.5
ALTOONA	8.4	8.5	8.8	9.7	8.2	8.2
ERIE	7.4	7.5	7.5	8.2	6.6	6.7
HARRISBURG	4.6	5.0	5.0	5.6	3.9	4.2
JOHNSTOWN	9.0	9.0	9.0	10.2	9.1	9.2
LANCASTER	4.1	4.4	4.5	5.3	3.7	4.0
NORTHEAST	9.2	9.0	8.8	9.6	8.4	8.3
SCRANTON	8.4	8.0	7.9	8.7	7.7	7.5
W BARRE-HAZLETON	9.5	9.8	9.1	10.1	8.8	9.1
PHILADELPHIA	6.0	6.6	6.5	7.0	6.1	6.8
PITTSBURGH	5.7	5.9	5.9	6.4	5.0	5.2
POTTSVILLE	10.5	-	9.3	-	8.2	-
READING	5.1	6.3	5.4	6.4	3.9	4.9
UNIONTOWN-CONNELLSVLE	9.8	-	10.1	-	7.9	-
WILLIAMSPORT	10.7	10.9	11.0	12.0	7.1	7.4
YORK	5.0	5.3	5.2	5.9	4.0	4.3

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
UNITED STATES	103,884.0	103,719.0	101,632.0	98,047.0	97,943.0	95,906.0	5,836.0	5,776.0	5,725.0
PENNSYLVANIA	5,348.0	5,375.0	5,347.0	4,993.0	5,006.0	5,026.0	355.0	369.0	320.0
ALLENTOWN-BETH-EASTON	305.5	302.5	299.5	285.1	283.5	284.0	20.5	19.0	15.5
ALTOONA	58.8	59.3	57.0	53.8	54.1	52.3	5.0	5.2	4.7
ERIE	127.7	127.5	125.8	118.2	118.0	117.6	9.5	9.5	8.3
HARRISBURG	215.6	217.2	217.6	205.6	206.3	209.1	10.0	10.9	8.5
JOHNSTOWN	109.3	110.9	107.9	99.5	100.9	98.1	9.8	10.0	9.8
LANCASTER	176.9	177.9	174.5	169.6	169.9	168.0	7.2	8.0	6.5
NORTHEAST	285.2	285.8	284.1	259.0	260.7	260.3	26.1	25.0	23.9
SCRANTON	104.5	104.7	104.3	95.7	96.4	96.2	8.8	8.3	8.1
W BARRE-HAZLETON	154.1	154.4	153.7	139.5	140.4	140.2	14.6	14.0	13.5
PHILADELPHIA	2,136.2	2,136.1	2,124.6	2,009.1	1,996.5	1,994.8	127.1	139.6	129.8
PITTSBURGH	1,013.6	1,020.9	1,004.7	955.5	960.6	954.1	58.1	60.4	50.6
POTTSVILLE	67.6	66.1	68.1	60.5	60.0	62.6	7.1	6.1	5.6
READING	156.6	157.0	151.0	148.6	148.6	145.1	8.0	8.4	5.9
UNIONTOWN-CONNELLSVLE	59.1	58.7	61.0	53.3	52.8	56.2	5.8	6.0	4.8
WILLIAMSPORT	55.0	56.0	54.6	49.2	49.8	50.7	5.9	6.2	3.9
YORK	171.1	172.4	169.6	162.6	163.5	162.9	8.5	8.9	6.7

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	Nonagricultural Wage and Salary			Private Sector *		
	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
UNITED STATES	91,179.0	90,908.0	88,893.0	75,241.0	74,993.0	73,206.0
PENNSYLVANIA	4,751.0	4,754.4	4,740.3	4,027.4	4,042.7	4,027.2
ALLENTOWN-BETHLEHEM-EASTON	263.6	263.0	262.0	233.7	233.3	231.5
ALTOONA	52.5	52.8	51.9	45.3	45.5	44.7
ERIE	117.0	116.7	116.4	102.4	102.4	101.9
HARRISBURG	212.9	213.6	216.9	157.5	157.9	160.2
JOHNSTOWN	89.4	90.6	88.1	73.7	74.3	73.2
LANCASTER	152.1	152.1	150.8	136.6	136.8	135.6
NORTHEAST	240.3	242.1	241.4	200.3	201.5	202.5
SCRANTON	87.4	88.5	87.4	75.6	76.4	75.7
WILKES-BARRE-HAZLETON	124.2	124.5	125.3	104.1	104.1	106.4
PHILADELPHIA	1,920.2	1,917.4	1,907.5	1,616.8	1,615.7	1,610.3
PITTSBURGH	945.9	951.6	945.4	823.2	829.2	826.1
POTTSVILLE	47.7	47.3	49.3	39.7	39.1	41.7
READING	142.7	143.0	139.6	125.0	125.3	122.3
UNIONTOWN-CONNELLSVILLE	35.9	35.6	37.8	29.3	28.9	31.0
WILLIAMSPORT	48.7	49.4	50.3	41.8	42.5	43.2
YORK	154.4	155.0	154.9	132.5	133.1	133.9

Area	Manufacturing			Nonmanufacturing		
	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
UNITED STATES	20,975.0	20,974.0	20,902.0	70,204.0	69,934.0	67,991.0
PENNSYLVANIA	1,364.9	1,368.3	1,371.2	3,377.1	3,379.8	3,363.6
ALLENTOWN-BETHLEHEM-EASTON	110.6	110.9	110.5	153.0	152.1	151.5
ALTOONA	13.1	13.2	13.2	39.4	39.6	38.7
ERIE	44.5	44.5	44.5	72.5	72.2	71.9
HARRISBURG	43.0	43.0	42.7	169.8	170.0	173.9
JOHNSTOWN	20.0	20.1	20.2	69.4	70.5	67.9
LANCASTER	59.5	59.5	59.9	92.6	92.6	90.9
NORTHEAST	69.2	70.2	71.3	170.5	170.6	169.9
SCRANTON	28.4	29.3	28.5	58.6	58.6	58.9
WILKES-BARRE-HAZLETON	36.3	36.4	38.2	87.7	87.5	86.9
PHILADELPHIA	456.6	456.6	454.1	1,462.4	1,460.2	1,453.1
PITTSBURGH	250.2	252.3	252.8	694.7	698.0	691.9
POTTSVILLE	20.0	19.9	21.1	27.7	27.2	28.2
READING	54.7	54.8	54.5	88.0	88.2	85.1
UNIONTOWN-CONNELLSVILLE	8.2	8.3	8.3	27.7	27.3	29.5
WILLIAMSPORT	16.9	17.1	18.4	31.8	32.3	31.9
YORK	63.1	63.8	64.4	88.3	88.2	88.2

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* Excludes Government employment

3/23/80

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

1979 BENCHMARKS INTRODUCED

FEBRUARY 1980
Vol. XXV No. 2

JOB SERVICE

COMMONWEALTH OF PENNSYLVANIA   DEPARTMENT OF LABOR AND INDUSTRY   BUREAU OF EMPLOYMENT SECURITY
In cooperation with the United States Bureau of Labor Statistics
BUR-652 REV 10-77

- EXPLANATORY -

INDUSTRY EMPLOYMENT

Employment data, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives."

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing to:
PENNSYLVANIA BUREAU OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING-ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717-787-3129

Issued: February 1980 Reference: Mid-January

PENNSYLVANIA EMPLOYMENT & EARNINGS
JANUARY 1980

Total unemployment in Pennsylvania, adjusted for seasonal influences, declined slightly in January while unadjusted unemployment rose.

Seasonally adjusted, the rate of unemployment was estimated at 7.2 percent of the total civilian labor force in January, down from 7.3 percent in December. The volume of unemployment was 385,000 in January, a reduction of 8,000 from December. Unemployment levels remained above those of the previous year. Last January, seasonally adjusted unemployment was 339,000 and the rate was 6.4 percent.

The unadjusted rate of unemployment climbed sharply to 7.8 percent in January from 6.6 percent in December. The unadjusted volume of unemployment was 414,000 in January, an increase of 59,000 over December. One year ago, unemployed workers numbered 376,000, with a rate of 7.1 percent.

The rise in unadjusted unemployment was attributed to normal seasonal cutbacks in employment, particularly in the RETAIL TRADE and CONSTRUCTION industries.

Nationwide, the January seasonally adjusted rate was 6.2 percent of the total civilian labor force, up from 5.9 percent in December. The unadjusted rate was 6.8 percent in January, up from 5.6 percent in December.

At the outset of the new year, job counts at the nonagricultural wage and salary level were down 94,300, a reflection of inevitable seasonal cutbacks. The drop, however, was not so drastic as it has been in recent years. With the job count standing at 4,794,500, the net loss was approximately 8 percent lighter than the five-year average January decline. In addition, the job level was estimated at 93,000 higher than a year ago.

FACTORY EMPLOYMENT DROPS

Factory jobs lagged by 13,900. Durables accounted for more than half of the losses. TRANSPORTATION EQUIPMENT, feeling economic repercussions, lost 5,100 jobs. STONE, CLAY AND GLASS was off 2,400 and PRIMARY METALS showed a minus 2,100. More than half of the drop in PRIMARY METALS was due to the effects of some major plant shutdowns in western Pennsylvania. In nondurable industries, APPAREL showed the first heartening change in seven months with an additional 1,000 jobs. The remaining industries in this group, however, with the exception of LEATHER, reported dwindling employment. The number of factory jobs came close to last year's total, as durables showed an increase of 5,300 while nondurables took a drop of more than 10,000 jobs.

The past year could be described as 'steady' insofar as factory employment was concerned. With the low point occurring in January and gradually rising to a peak in June, jobs see-sawed for several months before finally sliding to the present level.

The latest available job turnover rates for Pennsylvania factories (December) indicates layoffs increasing - up 25 percent over November. Quits and new hires declined. Overall accessions, which includes new hires, recalls and transfers, dropped 17 percent.

PRODUCTION CUTBACKS SEEN IN HOURS AND EARNINGS

Factory hours and earnings were down in January. An average hourly rate of $7.26 for a 39.3 hour workweek reflected a drop of six cents in the rate and thirty minutes in production hours. Overtime appeared to be the controlling factor. Some industries showed increased overtime during the period but the greater tendency was toward a slackening in premium paid hours. The state's largest industry, PRIMARY METALS, reported a 2.5 hour cutback in the production workweek. Other significant downturns were noted in PETROLEUM, down 2.4 hours and PRINTING, off 1.1 hours.

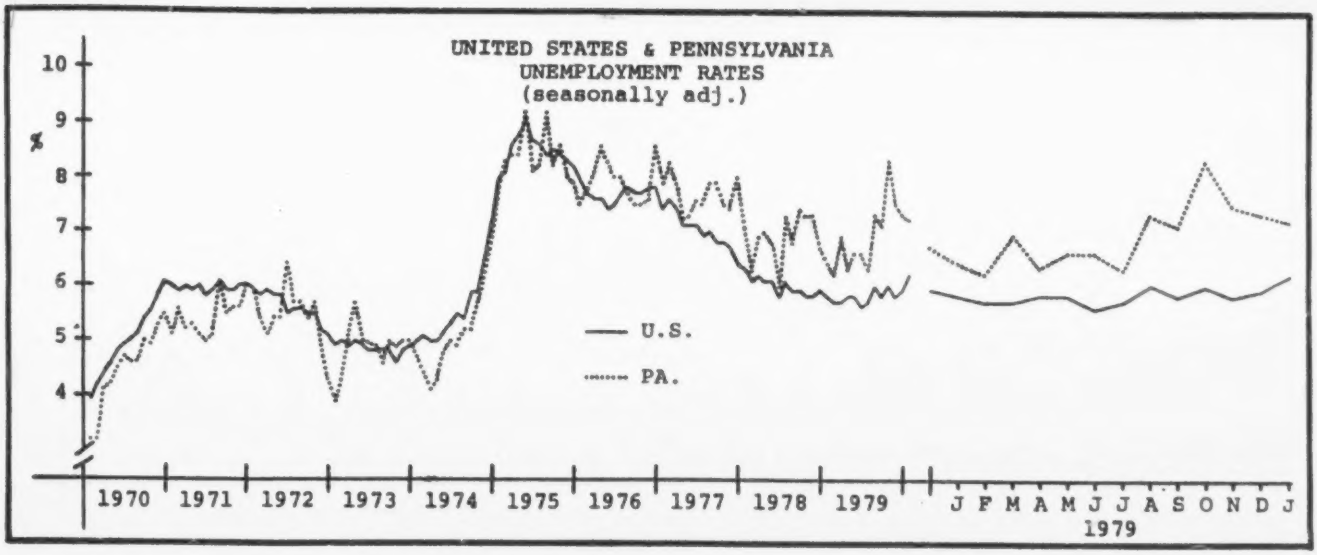
During 1979 production output, as measured by factory manhours, was greatest in March and November with a 40.3 hour week. It reached the low point of 38.9 hours in April. Average hourly rates climbed steadily throughout the year reaching $7.33 in December - a sixty cent increase over the twelve month period.

Nationally, manufacturing hourly rates averaged $6.95 in January for a 39.9 hour workweek.

NONMANUFACTURING JOBS DOWN SEASONALLY

Of the 79,100 drop in non-factory jobs from December to January, the CONSTRUCTION seasonal slump accounted for 20,000. RETAIL TRADE and SERVICES lost 33,700 and 21,100, respectively. GOVERNMENT jobs were down 3,400, with labor-management disputes at the local level responsible for approximately 38 percent of this decrease. TRANSPORTATION and PUBLIC UTILITIES posted the only gain during January with a plus 700.

Over the year comparisons were favorable. Nonmanufacturing jobs continued on a rising curve, notably in SERVICES with a 55,400 increase. CONSTRUCTION and GOVERNMENT jobs also came out on top with a combined growth of 30,000. The overall growth in nonmanufacturing jobs was blunted by losses in RETAIL TRADE and MINING.



EMPLOYMENT DATA IN THIS PUBLICATION HAVE BEEN REVISED TO FIRST QUARTER 1979 BENCHMARKS, AND ARE THEREFORE, NOT STRICTLY COMPARABLE WITH FIGURES PUBLISHED PRIOR TO JANUARY 1978. DATA ARE BASED ON INDUSTRY CLASSIFICATION IN ACCORDANCE WITH THE REVISED 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL.

On all tables data for most recent month are preliminary and subject to revision.

ADDITIONAL NOTATION ON PAGE 13

Table 1. Resident Employment, Unemployment and Unemployed Rate (Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1962	4,474.2	4,110.5	363.7	8.1		70,614.0	66,702.0	3,911.0	5.5	
1963	4,422.9	4,090.0	332.9	7.5		71,833.0	67,762.0	4,070.0	5.7	
1964	4,430.9	4,155.2	275.7	6.2		73,091.0	69,305.0	3,786.0	5.2	
1965	4,469.3	4,263.4	205.9	4.6		74,455.0	71,088.0	3,366.0	4.5	
1966	4,558.3	4,395.0	163.3	3.6		75,770.0	72,895.0	2,875.0	3.8	
1967	4,63[illegible].0	4,467.0	170.0	3.7		77,347.0	74,732.0	2,975.0	3.8	
1968	4,634.0	4,475.0	159.0	3.4		78,737.0	75,920.0	2,817.0	3.6	
1969	4,720.0	4,566.0	154.0	3.3		80,734.0	77,902.0	2,832.0	3.5	
1970	4,828.0	4,610.0	218.0	4.5		82,715.0	78,627.0	4,088.0	4.9	
1971	4,801.0	4,542.0	260.0	5.4		84,113.0	79,120.0	4,993.0	5.9	
1972	4,870.0	4,607.0	264.0	5.4		86,542.0	81,702.0	4,840.0	5.6	
1973	4,981.0	4,739.0	241.0	4.8		88,714.0	84,409.0	4,304.0	4.9	
1974	5,027.0	4,768.0	258.0	5.1		91,011.0	85,935.0	5,076.0	5.6	
1975	5,068.0	4,646.0	421.0	8.3		92,613.0	84,783.0	7,830.0	8.5	
1976	5,094.0	4,690.0	404.0	7.9		94,773.0	87,485.0	7,288.0	7.7	
1977	5,165.0	4,767.0	398.0	7.7		97,401.0	90,546.0	6,855.0	7.0	
1978	5,255.0	4,891.0	364.0	6.9		100,420.0	94,373.0	6,047.0	6.0	
1979	5,296.0	4,930.0	366.0	6.9		102,908.0	96,945.0	5,963.0	5.8	
1979 Jan.	5,273.0	4,897.0	376.0	7.1	6.4	100,867.0	94,436.0	6,431.0	6.4	5.8
Feb.	5,236.0	4,842.0	394.0	7.5	6.2	101,249.0	94,765.0	6,484.0	6.4	5.7
Mar.	5,271.0	4,860.0	411.0	7.8	6.9	101,665.0	95,501.0	6,165.0	6.1	5.7
Apr.	5,179.0	4,860.0	320.0	6.2	6.3	101,236.0	95,675.0	5,561.0	5.5	5.8
May	5,209.0	4,915.0	294.0	5.6	6.6	101,473.0	96,220.0	5,253.0	5.2	5.8
Jun.	5,333.0	4,950.0	383.0	7.2	6.6	104,153.0	97,917.0	6,235.0	6.0	5.7
Jul.	5,387.0	5,047.0	340.0	6.3	6.3	104,995.0	98,891.0	6,104.0	5.8	5.7
Aug.	5,339.0	4,967.0	372.0	7.0	7.3	104,363.0	98,226.0	6,137.0	5.9	5.9
Sep.	5,290.0	4,933.0	356.0	6.7	7.1	103,373.0	97,576.0	5,798.0	5.6	5.8
Oct.	5,348.0	4,923.0	425.0	7.9	8.3	103,939.0	98,158.0	5,781.0	5.6	5.9
Nov.	5,359.0	4,990.0	368.0	6.9	7.5	103,719.0	97,943.0	5,776.0	5.6	5.8
Dec.	5,331.0	4,978.0	354.0	6.6	7.3	103,884.0	98,047.0	5,836.0	5.6	5.9
1980 Jan.	5,332.0	4,918.0	414.0	7.8	7.2	103,188.0	96,145.0	7,043.0	6.8	6.2

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From--	
	Jan. 1980	Dec. 1979	Jan. 1980	Dec. 1979	Jan. 1979
TOTAL CIVILIAN LABOR FORCE	5,332.0	5,331.0	5,273.0	1.0	59.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	414.0	354.0	376.0	60.0	38.0
% CIVILIAN LABOR FORCE	7.8	6.6	7.1	1.2	0.7
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	385.0	393.0	339.0	-0.8	46.0
% CIVILIAN LABOR FORCE	7.2	7.3	6.4	-0.1	0.8
TOTAL EMPLOYMENT	4,918.0	4,978.0	4,897.0	-60.0	21.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From--	
	Jan. 1980	Dec. 1979	Jan. 1980	Dec. 1979	Jan. 1979
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,794.5	4,888.8	4,701.4	-94.3	93.1
LABOR-MANAGEMENT DISPUTES	5.0	6.3	5.8	-1.3	-0.8
ALL MANUFACTURING INDUSTRIES	1,369.8	1,383.7	1,374.7	-13.9	-4.9
TOTAL NONMANUFACTURING INDUSTRIES	3,419.7	3,498.8	3,320.8	-79.1	98.9
Mining	50.5	51.1	52.7	-0.6	-2.2
Anthracite	3.1	3.1	3.2	0.0	-0.1
Bituminous	39.0	39.0	41.8	0.0	-2.8
Nonmetallic minerals	4.3	4.8	4.0	-0.5	0.3
Contract Construction	189.7	209.7	170.5	-20.0	19.2
General building	55.1	60.7	50.2	-5.6	4.9
Heavy construction	24.0	30.3	27.8	-6.3	-3.8
Special trades	110.6	118.7	92.5	-8.1	18.1
Transportation	168.9	168.5	166.9	0.4	2.0
Railroads	45.8	43.2	44.4	2.6	1.4
Public Utilities	104.3	104.0	102.2	0.3	2.1
Communications	55.1	54.7	53.6	0.4	1.5
Electric, gas & sanitary service	49.2	49.3	48.6	-0.1	0.6
Electric systems	23.4	23.4	23.1	0.0	0.3
Gas production	11.6	11.6	11.4	0.0	0.2
Wholesale trade	240.0	240.6	233.2	-0.6	6.8
Retail trade	738.6	772.3	742.0	-33.7	-3.4
General merchandise stores	128.0	137.1	130.3	-9.1	-2.3
Department stores	114.4	121.4	115.3	-7.0	-0.9
Finance, insurance & real estate	237.5	237.9	229.3	-0.4	8.2
Banking	78.4	78.3	75.6	0.1	2.8
Commercial & stock savings	72.3	72.2	69.8	0.1	2.5
Credit agencies & securities	29.9	29.9	29.2	0.0	0.7
Insurance	70.2	70.3	68.2	-0.1	2.0
Life insurance	26.2	26.4	25.9	-0.2	0.3
Fire, marine & casualty	29.4	29.3	28.5	0.1	0.9
Services	965.4	986.5	910.0	-21.1	55.4
Business services	122.0	125.6	118.6	-3.6	3.4
Health services	305.1	304.6	298.2	0.5	6.9
Nursing & personal care	50.6	50.2	47.9	0.4	2.7
Hospitals	186.8	186.2	181.7	0.6	5.1
Educational service	144.2	155.7	120.4	-11.5	23.8
Miscellaneous services	46.1	45.3	44.0	0.8	2.1
Engineering & architectural	29.0	28.3	27.8	0.7	1.2
Government	724.8	728.2	714.0	-3.4	10.8
Federal	131.8	132.8	130.3	-1.0	1.5
State & local	593.0	595.4	583.7	-2.4	9.3

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS

(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manu-facturing	Total Non-Manu-facturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822,8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.0	3,853.8	1,341.5	3,223.5	48.0	183.9	939.0	221.7	717.2
1978	4,724.6	3,999.7	1,369.2	3,355.4	46.8	199.0	983.7	230.8	752.9
1979	4,830.6	4,107.9	1,389.8	3,440.8	52.0	205.8	990.0	238.1	751.9
1979 Jan.	4,695.6	3,981.6	1,374.7	3,320.9	52.7	170.5	975.3	233.2	742.1
Feb.	4,694.5	3,967.2	1,375.9	3,318.6	51.6	161.5	962.3	232.8	729.5
Mar.	4,749.6	4,016.4	1,381.9	3,367.7	51.9	177.2	970.2	235.1	735.1
Apr.	4,819.4	4,082.9	1,389.5	3,429.9	52.2	197.9	987.4	237.1	750.3
May	4,863.	4.122.0	1,392.2	3,470.8	52.1	209.8	996.3	237.8	758.5
Jun.	4,911.3	4,175.5	1,409.8	3,501.5	52.7	218.3	1,001.8	240.6	761.2
Jul.	4,852.6	4,142.8	1,397.1	3,455.5	52.3	226.8	987.8	241.1	746.7
Aug.	4,845.7	4,137.7	1,390.4	3,455.3	51.9	227.1	986.6	240.6	746.0
Sep.	4,855.9	4,157.7	1,398.0	3,457.9	52.5	225.6	989.5	237.5	752.0
Oct.	4,896.8	4,182.8	1,394.6	3,502.2	51.4	225.1	1,002.7	240.0	762.7
Nov.	4,855.5	4,128.2	1,390.2	3,465.3	51.9	220.0	1,006.8	240.8	766.0
Dec.	4,882.5	4,154.3	1,383.7	3,498.8	51.1	209.7	1,012.9	240.6	772.3
1980 Jan.	4,789.5	4,064.7	1,369.8	3,419.7	50.5	189.7	978.6	240.0	738.6

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.4	137.6	513.8
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.2	136.4	521.8
1974	161.1	104.4	207.3	773.6	154.9	618.7	681.5	136.6	544.9
1975	154.0	102.5	207.3	798.5	159.8	638.7	720.9	134.4	586.5
1976	155.4	101.1	211.4	839.7	165.5	674.2	721.6	131.8	589.8
1977	160.7	100.7	217.5	862.4	171.1	691.3	711.2	128.1	583.0
1978	165.7	101.5	226.6	907.2	177.9	729.3	724.9	129.5	595.4
1979	169.5	103.5	235.4	961.8	184.6	777.2	722.7	131.6	591.2
1979 Jan.	166.9	102.2	229.3	910.0	181.7	728.3	714.0	130.3	583.7
Feb.	167.3	102.3	229.9	916.4	181.9	734.5	727.3	129.8	597.5
Mar.	169.9	102.4	231.4	931.5	182.3	749.2	733.2	130.2	603.0
Apr.	169.3	102.5	232.7	951.4	182.9	768.5	736.5	130.8	605.7
May	172.5	102.9	234.7	961.5	183.1	778.4	741.0	131.2	609.8
Jun.	173.2	104.2	238.4	977.1	185.9	791.2	735.8	132.9	602.9
Jul.	166.3	105.0	239.5	968.0	186.7	781.3	709.8	133.5	576.3
Aug.	166.1	105.0	239.4	971.2	186.0	785.2	708.0	132.6	575.4
Sep.	170.9	104.0	236.9	980.3	185.6	794.7	198.2	131.4	566.8
Oct.	172.3	103.9	237.1	995.7	185.9	809.8	714.0	131.1	582.9
Nov.	171.3	104.0	237.7	946.9	186.4	760.5	726.7	132.1	594.6
Dec.	168.5	104.0	237.9	986.5	186.2	800.3	728.2	132.8	595.4
1980 Jan.	168.9	104.3	237.5	965.4	186.8	778.6	724.8	131.8	593.0

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

DECEMBER 1979

Industry	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
All Manufacturing	1,383.7	1.9	2.3	1.9	0.9	1.3	1.1	0.9	0.8	0.6
Durable Goods	853.0	1.7	1.8	1.6	0.7	0.9	0.9	0.8	0.6	0.5
Furniture & Fixtures	20.3	2.6	2.8	2.8	1.4	2.1	2.5	1.0	0.6	0.2
Stone, Clay & Glass Products	64.6	1.4	2.0	1.7	0.3	0.7	0.7	0.9	1.1	0.8
Primary Metal Industries	200.7	1.9	1.7	1.6	0.4	0.7	0.5	1.3	0.9	0.8
Fabricated Metal Products	116.6	1.9	2.4	1.9	0.9	1.4	1.0	0.9	0.9	0.7
Machinery, exc. Electrical	143.4	1.1	1.4	1.4	0.8	1.1	1.1	0.2	0.2	0.2
Electric & Electronic Equip.	128.9	1.6	1.5	1.6	0.7	0.9	0.8	0.6	0.2	0.5
Transportation Equipment	88.1	2.1	2.2	1.6	0.4	0.7	0.8	1.2	1.1	0.3
Instruments & Related Products	42.8	1.2	1.5	1.1	0.8	1.0	0.9	0.3	0.4	0.1
Miscellaneous Manufacturing	25.9	1.3	1.6	1.7	0.6	1.1	0.6	0.7	0.4	1.0
Nondurable Goods	530.7	2.3	3.0	2.2	1.1	1.9	1.4	1.0	1.0	0.7
Food & Kindred Products	102.1	2.8	3.5	2.6	1.1	2.2	1.9	1.2	1.1	0.6
Textile Mill Products	47.5	1.9	2.9	2.5	1.3	1.9	1.7	0.5	0.8	0.7
Apparel & Related Products	122.5	3.1	3.6	2.0	1.1	1.7	1.2	1.9	1.7	0.7
Paper & Allied Products	43.8	1.5	2.4	2.3	0.7	1.6	1.0	0.7	0.7	1.1
Printing & Publishing	73.5	2.4	2.4	2.1	1.6	1.8	1.3	0.7	0.5	0.7
Chemicals & Allied Products	61.5	1.3	1.4	1.2	0.9	0.9	0.9	0.2	0.4	0.2
Petroleum & Coal Products	17.1	0.6	0.9	0.6	0.5	0.8	0.4	N	0.1	N
Rubber & Plastics Products	42.0	1.9	2.5	1.9	1.0	1.3	1.3	0.7	0.9	0.5
Leather & Leather Products	17.5	4.2	4.5	4.5	2.4	3.6	2.7	1.6	0.6	1.5

Industry	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
All Manufacturing	1,383.7	3.1	3.0	2.7	0.6	0.8	0.8	2.0	1.6	1.3
Durable Goods	853.0	3.1	2.7	2.1	0.4	0.6	0.5	2.1	1.6	1.0
Furniture & Fixtures	20.3	3.7	4.4	3.3	1.1	1.4	1.9	1.8	2.2	0.5
Stone, Clay & Glass Products	64.6	3.4	2.2	3.6	0.3	0.5	0.5	2.6	1.3	2.2
Primary Metal Industries	200.7	3.9	2.3	1.9	0.3	0.3	0.3	3.1	1.4	1.0
Fabricated Metal Products	116.6	3.9	2.7	2.3	0.5	0.6	0.6	2.8	1.5	1.2
Machinery, exc. Electrical	143.4	1.1	1.3	1.4	0.4	0.6	0.6	0.3	0.4	0.4
Electric & Electronic Equip.	128.9	1.9	1.9	1.7	0.5	0.5	0.5	0.8	0.8	0.6
Transportation Equipment	88.1	4.7	6.2	2.0	0.3	0.6	0.3	3.6	4.7	1.0
Instruments & Related Products	42.8	0.9	1.4	1.2	0.4	0.6	0.6	0.1	0.4	0.1
Miscellaneous Manufacturing	25.9	4.8	6.6	5.5	0.7	1.5	0.8	3.8	4.5	4.1
Nondurable Goods	530.7	3.2	3.6	3.5	0.8	1.3	1.2	1.8	1.7	1.6
Food & Kindred Products	102.1	3.4	4.2	4.8	1.1	1.7	1.5	1.8	1.7	2.5
Textile Mill Products	47.5	3.3	3.8	3.5	1.2	1.9	1.6	1.5	1.4	1.3
Apparel & Related Products	122.5	4.9	5.5	4.8	0.8	1.4	1.2	3.5	3.6	2.8
Paper & Allied Products	43.8	2.9	2.8	2.4	0.5	1.1	0.7	2.0	1.0	1.2
Printing & Publishing	73.5	1.7	2.2	1.9	0.8	1.1	1.1	0.5	0.8	0.5
Chemicals & Allied Products	61.5	1.3	1.2	1.3	0.4	0.6	0.5	0.5	0.3	0.3
Petroleum & Coal Products	17.1	2.0	1.5	1.8	0.3	0.4	0.3	1.5	0.7	0.8
Rubber & Plastics Products	42.0	3.0	2.8	2.7	0.6	1.0	1.0	1.8	1.2	1.0
Leather & Leather Products	17.5	4.4	6.7	7.0	2.3	3.2	3.5	1.1	3.0	2.7

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Detail

(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Jan. 1980	Dec. 1979	Jan. 1979	Dec. 1979	Jan. 1979
	TOTAL MANUFACTURING INDUSTRIES	1,369.8	1,383.7	1,374.7	-13.9	-4.9
	TOTAL DURABLE GOODS	845.3	853.0	840.0	-7.7	5.3
24	Lumber & wood products	21.8	21.7	21.4	0.1	0.4
243	Millwork, plywood & structural	7.1	7.1	7.3	0.0	-0.2
	Other lumber & wood products	14.7	14.6	14.1	0.1	0.6
25	Furniture & fixtures	20.3	20.3	20.4	0.0	-0.1
251	Household furniture	9.7	9.8	9.5	-0.1	0.2
252	Office furniture	4.8	4.7	5.2	0.1	-0.4
	Other furniture & fixtures	5.8	5.8	5.7	0.0	0.1
32	Stone, clay & glass products	62.2	64.6	63.6	-2.4	-1.4
322	Glass & glassware, pressed or blown	16.1	16.7	17.0	-0.6	-0.9
3221	Glass containers	8.4	8.7	9.5	-0.3	-1.1
3229	Other pressed or blown glass	7.7	8.0	7.5	-0.3	0.2
324	Hydraulic cement	2.9	3.5	3.5	-0.6	-0.6
325	Structural clay products	6.5	6.7	6.6	-0.2	-0.1
326	Pottery & related products	5.2	5.3	5.1	-0.1	0.1
327	Concrete, gypsum & plaster products	8.4	9.0	7.9	-0.6	0.5
	Other stone, clay & glass products	23.1	23.4	23.5	-0.3	-0.4
33	Primary metal industries	198.6	200.7	200.9	-2.1	-2.3
331	Blast furnace & basic steel products	148.4	149.0	149.8	-0.6	-1.4
3312	Blast furnaces & steel mills	135.1	135.6	136.9	-0.5	-1.8
	Other basic steel products	13.3	13.4	12.9	-0.1	0.4
332	Iron & steel foundries	20.5	20.6	20.6	-0.1	-0.1
3321	Gray iron foundries	8.0	8.0	8.1	0.0	-0.1
3325	Steel foundries, n.e.c.	7.5	7.5	7.4	0.0	0.1
3322,4	Malleable iron & steel invest.	5.0	5.1	5.1	-0.1	-0.1
335	Nonferrous rolling & drawing	13.1	13.2	12.9	-0.1	0.2
336	Nonferrous foundries	7.7	7.7	7.7	0.0	0.0
	Other primary metal products	8.9	10.2	9.9	-1.3	-1.0
34	Fabricated metal products,(incl. ordnance)	115.5	116.6	116.0	-1.1	-0.5
341	Metal cans & shipping containers	4.8	5.0	5.0	-0.2	-0.2
342	Cutlery, hand tools & hardware	7.8	7.8	7.9	0.0	-0.1
343	Plumbing & heating exc. electrical	3.7	3.7	3.6	0.0	0.1
344	Fabricated structural metal products	36.8	37.0	36.6	-0.2	0.2
3441	Fabricated structural metal	9.3	9.7	9.1	-0.4	0.2
3443	Fabricated plate work (boiler shops)	11.3	11.2	11.3	0.1	0.0
	Other fabricated struct. metal products	16.2	16.1	16.2	0.1	0.0
345	Screw machine products, bolts, etc.	9.1	9.3	8.8	-0.2	0.3
346	Metal forgings & stampings	20.7	20.9	21.6	-0.2	-0.9
3462	Iron & steel forgings	6.5	6.6	6.4	-0.1	0.1
	Other metal forgings & stampings	14.2	14.3	15.2	-0.1	-1.0
347,8	Metal services & ordnance, n.e.c.	8.1	8.2	8.1	-0.1	0.0
349	Misc. fabricated metal products	24.5	24.7	24.4	-0.2	0.1
3494	Valves & pipe fittings	10.9	10.9	10.8	0.0	0.1
	Other misc. fabricated metal products	13.6	13.8	13.6	-0.2	0.0
35	Machinery, exc. electrical	146.4	143.4	140.0	3.0	6.4
351	Engines & turbines	7.1	7.1	7.7	0.0	-0.6
352	Farm & garden machinery	4.7	4.7	4.3	0.0	0.4
353	Construction & related machinery	26.1	23.1	25.3	3.0	0.8
3531	Construction machinery	9.5	6.5	9.5	3.0	0.0
3535	Conveyors & conveying equipment	3.4	3.4	3.5	0.0	-0.1
	Other construction & related machinery	13.2	13.2	12.3	0.0	0.9
354	Metal working machinery	24.6	24.4	22.2	0.2	2.4
355	Special industry machinery	13.7	13.7	12.9	0.0	0.8
356	General industrial machinery	29.9	30.1	29.4	-0.2	0.5
3561	Pumps & pumping equipment	4.0	4.0	3.9	0.0	0.1
3562	Ball & roller bearings	4.4	4.4	4.4	0.0	0.0
3563	Air & gas compressors	5.4	5.5	5.4	-0.1	0.0
3567	Industrial furnaces & ovens	4.1	4.2	3.9	-0.1	0.2
	Other general industrial machinery	12.0	12.0	11.8	0.0	0.2

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(cont.)
Industry Detail
(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Jan. 1980	Dec. 1979	Jan. 1979	Dec. 1979	Jan. 1979
357	Office and computing machines	12.9	13.0	12.4	-0.1	0.5
358	Refrigeration & service industry machinery	12.1	12.1	11.7	0.0	0.4
359	Misc. machinery, exc. electrical	15.3	15.2	14.1	0.1	1.2
36	Electric & electronic equipment	128.9	128.9	125.8	0.0	3.1
361	Electric distributing equipment	19.1	19.4	20.5	-0.3	-1.4
3612	Transformers	6.3	6.4	6.5	-0.1	-0.2
3613	Switchgear & switchboard apparatus	12.8	13.0	14.0	-0.2	-1.2
362	Electrical industrial apparatus	24.0	23.8	23.9	0.2	0.1
363	Household appliances	4.6	4.6	4.8	0.0	-0.2
364	Electric lighting & wiring equipment	23.0	22.9	22.1	0.1	0.9
3643	Current-carrying wiring devices	11.6	11.5	11.1	0.1	0.5
	Other electric light & wiring equipment	11.4	11.4	11.0	0.0	0.4
366	Communication equipment	9.1	9.1	8.5	0.0	0.6
367	Electronic components & accessories	37.3	37.2	34.5	0.1	2.8
3674	Semiconductors & related devices	12.6	12.5	11.0	0.1	1.6
	Other electronic components & accessories	24.7	24.7	23.5	0.0	1.2
	Other electrical equipment & supplies	11.8	11.9	11.5	-0.1	0.3
37	Transportation equipment	83.0	88.1	84.3	-5.1	-1.3
371	Motor vehicles & equipment	26.3	31.1	31.9	-4.8	-5.6
3714	Motor vehicle parts & accessories	11.9	12.4	13.0	-0.5	-1.1
	Other motor vehicles & equipment	14.4	18.7	18.9	-4.3	-4.5
372	Aircraft & parts	12.2	12.2	11.3	0.0	0.9
373	Ship & boat building & repairing	7.4	8.0	4.7	-0.6	2.7
374	Railroad equipment	24.4	24.4	23.6	0.0	0.8
	Other transportation equipment	12.7	12.4	12.8	0.3	-0.1
38	Instruments & related products	43.0	42.8	41.7	0.2	1.3
382	Measuring & controlling devices	23.8	23.6	22.7	0.2	1.1
384	Medical instruments & supplies	11.6	11.6	11.7	0.0	-0.1
	Other instruments & related products	7.6	7.6	7.3	0.0	0.3
39	Miscellaneous manufacturing industries	25.6	25.9	25.9	-0.3	-0.3
	TOTAL NONDURABLE GOODS	524.5	530.7	534.7	-6.2	-10.2
20	Food & kindred products	96.6	102.1	99.1	-5.5	-2.5
201	Meat products	16.4	16.9	16.0	-0.5	0.4
2011	Meat packing plants	5.4	5.4	5.3	0.0	0.1
2013	Sausages & other prepared meats	5.4	6.0	5.7	-0.6	-0.3
2016,7	Poultry dressing & processing	5.6	5.5	5.0	0.1	0.6
202	Dairy products	11.1	11.4	11.6	-0.3	-0.5
2026	Fluid milk	6.6	6.7	6.8	-0.1	-0.2
	Other dairy products	4.5	4.7	4.8	-0.2	-0.3
203	Preserved fruits & vegetables	11.2	14.3	13.2	-3.1	-2.0
2033	Canned fruits & vegetables	6.1	6.7	5.7	-0.6	0.4
	Other preserved fruits & vegetables	5.1	7.6	7.5	-2.5	-2.4
204	Grain mill products	5.1	5.1	4.9	0.0	0.2
205	Bakery products	19.0	20.0	19.6	-1.0	-0.6
2051	Bread, cake & related products	14.8	15.1	15.0	-0.3	-0.2
2052	Cookies & crackers	4.2	4.9	4.6	-0.7	-0.4
206	Sugar & confectionery products	16.1	15.9	15.9	0.2	0.2
2065	Confectionery products	6.5	6.4	6.6	0.1	-0.1
2066	Chocolate & cocoa products	6.5	6.4	6.0	0.1	0.5
	Other sugar products	3.1	3.1	3.3	0.0	-0.2
208	Beverages	9.5	9.9	9.6	-0.4	-0.1
	Other food & kindred products	8.2	8.6	8.3	-0.4	-0.1
21	Tobacco manufacturers	3.2	3.2	3.8	0.0	-0.6
22	Textile mill products	46.8	47.5	48.9	-0.7	-2.1
222	Weaving mills, synthetics	4.5	4.5	4.5	0.0	0.0
225	Knitting mills	23.5	24.0	24.5	-0.5	-1.0
2253	Knit outerwear mills	12.0	12.3	12.9	-0.3	-0.9
2254	Knit underwear mills	4.8	4.8	5.0	0.0	-0.2
	Other knitting mills	6.7	6.9	6.6	-0.2	0.1
227	Floor covering mills	3.7	3.8	4.1	-0.1	-0.4
228	Yarn & thread mills	4.8	4.9	5.3	-0.1	-0.5
	Other textile mill products	10.3	10.3	10.5	0.0	-0.2

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(concl.)

Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
23	Apparel & other textile products	123.5	122.5	131.1	1.0	-7.6
231	Mens & boys suits & coats	14.8	15.1	15.3	-0.3	-0.5
232	Mens & boys furnishings	24.3	24.3	24.8	0.0	-0.5
2321	Mens & boys shirts & nightwear	9.1	9.1	9.3	0.0	-0.2
2327	Mens & boys separate trousers	6.0	6.0	6.2	0.0	-0.2
	Other furnishings and work clothing	9.2	9.2	9.3	0.0	-0.1
233	Womens & misses outerwear	55.7	54.3	61.3	1.4	-5.6
234	Women & childrens undergarments	9.6	9.8	10.1	-0.2	-0.5
236	Childrens outerwear	7.2	7.1	7.5	0.1	-0.3
	Other apparel & textile products	11.9	11.9	12.1	0.0	-0.2
26	Paper & allied products	43.6	43.8	44.7	-0.2	-1.1
262	Paper mills exc. building paper	11.8	11.8	12.1	0.0	-0.3
265	Paper board containers & boxes	14.9	15.0	15.4	-0.1	-0.5
2653	Corrugated & solid fiber boxes	8.0	8.0	8.1	0.0	-0.1
	Other paperboard containers	6.9	7.0	7.3	-0.1	-0.4
	Other paper & allied products	16.9	17.0	17.2	-0.1	-0.3
27	Printing & publishing	73.4	73.5	71.6	-0.1	1.8
271	Newspapers	25.9	26.2	25.6	-0.3	0.3
273	Books	8.1	7.9	8.0	0.2	0.1
275	Commercial printing	20.9	20.9	20.3	0.0	0.6
2752	Lithographing	10.4	10.4	9.9	0.0	0.5
	Other commercial printing	10.5	10.5	10.4	0.0	0.1
276	Manifold business forms	3.9	3.9	3.7	0.0	0.2
	Other printing & publishing	14.6	14.6	14.0	0.0	0.6
28	Chemicals & allied products	61.0	61.5	59.7	-0.5	1.3
281	Industrial inorganic chemicals	11.1	11.1	10.5	0.0	0.6
282	Plastic materials & synthetics	8.7	8.7	8.5	0.0	0.2
283	Drugs	17.1	17.3	16.8	-0.2	0.3
284	Soap, cleaners & toliet goods	3.1	3.2	3.2	-0.1	-0.1
285	Paints & allied products	4.3	4.4	4.4	-0.1	-0.1
	Other chemical & allied products	16.7	16.8	16.3	-0.1	0.4
29	Petroleum & coal products	16.9	17.1	16.6	-0.2	0.3
291	Petroleum refining	13.5	13.3	13.2	0.2	0.3
	Other petroleum & coal products	3.4	3.8	3.4	-0.4	0.0
30	Rubber & misc. plastic products	41.9	42.0	40.9	-0.1	1.0
301	Tires & inner tubes	7.7	7.8	7.9	-0.1	-0.2
306	Fabricated rubber products	5.3	5.4	5.3	-0.1	0.0
	Other rubber & plastic products, n.e.c.	28.9	28.8	27.7	0.1	1.2
31	Leather & leather products	17.6	17.5	18.3	0.1	-0.7
314	Footwear, exc. rubber	13.7	13.7	14.2	0.0	-0.5
3143	Mens footwear, exc. athletic	5.2	5.3	5.6	-0.1	-0.4
3144	Womens footwear, exc. athletic	4.7	4.6	4.8	0.1	-0.1
	Other footwear	3.8	3.8	3.8	0.0	0.0
	Other leather & leather products	3.9	3.8	4.1	0.1	-0.2

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979
TOTAL MANUFACTURING INDUSTRIES	$285.32	$291.34	$269.20	39.3	39.8	40.0	$7.26	$7.32	$6.73
TOTAL DURABLE GOODS	321.20	329.65	305.95	40.2	40.9	41.4	7.99	8.06	7.39
Lumber & wood products	199.50	200.64	194.22	37.5	38.0	39.0	5.32	5.28	4.98
Millwork, plywood & structural	208.62	216.22	205.71	38.0	39.1	40.1	5.49	5.53	5.13
Other lumber & wood products	195.08	193.13	188.16	37.3	37.5	38.4	5.23	5.15	4.90
Furniture & fixtures	236.61	239.20	211.97	39.9	40.0	39.4	5.93	5.98	5.38
Household furniture	211.18	214.88	193.61	39.4	39.5	38.8	5.36	5.44	4.99
Office furniture	244.10	247.79	237.51	38.2	38.9	40.6	6.39	6.37	5.85
Other furniture & fixtures	275.57	276.96	219.91	42.2	41.9	39.2	6.53	6.61	5.61
Stone, clay & glass products	307.87	311.33	286.86	42.7	42.3	42.0	7.21	7.36	6.83
Glass & glassware, pressed or blown	297.14	291.41	272.43	41.5	40.7	40.3	7.16	7.16	6.76
Glass containers	298.82	300.21	301.70	40.6	40.9	43.1	7.36	7.34	7.00
Other pressed or blown glass	295.95	281.99	236.26	42.4	40.4	36.8	6.98	6.98	6.42
Hydraulic cement	399.34	379.47	373.01	41.0	39.0	41.4	9.74	9.73	9.01
Structural clay products	276.87	272.72	241.02	42.4	41.7	39.0	6.53	6.54	6.18
Pottery & related products	276.64	269.45	275.12	41.6	41.2	45.4	6.65	6.54	6.06
Concrete, gypsum & plaster prods.	270.28	278.70	247.65	39.4	40.1	39.0	6.86	6.95	6.35
Other stone, clay & glass prods.	365.57	361.60	324.22	46.1	46.3	45.6	7.93	7.81	7.11
Primary metal industries	378.22	408.35	373.92	37.3	39.8	41.5	10.14	10.26	9.01
Blast furnace & basic steel prods.	399.53	438.31	399.78	35.8	39.1	41.3	11.16	11.21	9.68
Blast furnaces & steel mills	401.19	446.20	404.01	35.1	38.8	41.1	11.43	11.50	9.83
Other basic steel products	386.21	367.63	358.72	43.2	42.5	43.8	8.94	8.65	8.19
Iron & steel foundries	302.20	313.13	284.00	39.4	40.3	40.0	7.67	7.77	7.10
Gray iron foundries	300.98	296.74	285.89	40.4	40.1	40.9	7.45	7.40	6.99
Steel foundries, n.e.c.	303.38	312.44	284.40	39.4	39.6	38.8	7.70	7.89	7.33
Malleable iron & steel invest.	302.40	341.52	279.39	37.8	41.7	40.2	8.00	8.19	6.95
Nonferrous rolling & drawing	345.90	331.89	312.63	43.4	41.8	43.3	7.97	7.94	7.22
Nonferrous foundries	302.47	304.29	283.40	43.9	44.1	43.6	6.89	6.90	6.50
Other primary metal products	314.81	331.93	317.96	42.6	42.5	44.1	7.39	7.81	7.21
Fabricated metal prods., incl. ordn.	301.43	304.79	278.94	40.9	41.3	40.9	7.37	7.38	6.82
Metal cans & shipping containers	363.70	363.88	347.14	44.3	44.0	45.2	8.21	8.27	7.68
Cutlery, hand tools & hardware	241.16	243.39	214.33	39.6	39.9	37.8	6.09	6.10	5.67
Plumbing & heating exc. electrical	296.35	304.36	248.68	44.1	45.7	40.7	6.72	6.66	6.11
Fabricated structural metal prods.	293.15	297.67	260.74	41.0	41.4	40.3	7.15	7.19	6.47
Fabricated struct. metal	288.46	288.36	281.92	35.7	35.6	38.2	8.08	8.10	7.38
Fab. plate work (boiler shops)	316.36	325.97	272.41	44.0	44.9	42.3	7.19	7.26	6.44
Other fab. struct. metal prods.	279.89	285.18	242.00	41.9	42.5	40.2	6.68	6.71	6.02
Screw machine products, bolts, etc.	269.79	280.30	255.00	39.5	41.1	40.8	6.83	6.82	6.25
Metal forgings & stampings	265.89	359.30	344.01	40.7	40.1	41.8	8.99	8.96	8.23
Iron & steel forgings	344.99	325.50	309.10	44.4	42.0	42.4	7.77	7.75	7.29
Other metal forgings & stampings	373.51	370.91	355.26	39.4	39.5	41.6	9.48	9.39	8.54
Metal services & ordnance, n.e.c.	295.31	286.37	248.96	43.3	42.3	38.9	6.82	6.77	6.40
Misc. fabricated metal products	279.30	290.34	273.07	39.9	41.3	41.5	7.00	7.03	6.58
Valves & pipe fittings	290.54	301.18	271.92	39.8	41.6	41.2	7.30	7.24	6.60
Other misc. fab. metal products	270.52	282.36	274.63	39.9	41.1	41.8	6.78	6.87	6.57
Machinery, exc. electrical	329.80	327.76	302.74	42.5	42.9	42.4	7.76	7.64	7.14
Engines & turbines	281.60	295.37	294.47	37.9	39.7	41.3	7.43	7.44	7.13
Farm & garden machinery	423.80	421.14	367.20	49.8	48.8	48.0	8.51	8.63	7.65
Construction & related machinery	328.25	308.37	320.63	39.5	40.1	42.3	8.31	7.69	7.58
Construction machinery	340.56	252.76	336.23	38.7	35.6	42.4	8.80	7.10	7.93
Conveyors & conveying equipment	277.01	290.17	238.20	39.8	41.1	39.7	6.96	7.06	6.00
Other constr. & related mach.	325.22	340.47	317.80	40.2	42.4	42.6	8.09	8.03	7.46
Metal working machinery	337.33	320.40	303.89	41.8	39.9	40.9	8.07	8.03	7.43
Special industry machinery	322.58	331.13	292.58	42.5	43.8	41.5	7.59	7.56	7.05
General industrial machinery	350.49	356.96	309.40	45.4	46.0	43.7	7.72	7.76	7.08
Pumps & pumping equipment	309.26	330.79	279.07	41.4	42.3	40.8	7.47	7.82	6.84
Ball & roller bearings	341.67	346.71	309.58	45.8	45.8	42.7	7.46	7.57	7.25
Air & gas compressors	402.12	418.78	328.98	49.4	50.7	46.4	8.14	8.26	7.09
Industrial furnaces & ovens	301.80	299.10	288.77	39.4	39.2	40.5	7.66	7.63	7.13
Other general industrial mach.	357.44	358.49	314.17	46.3	46.8	44.5	7.72	7.66	7.06
Office and computing machines	349.71	355.39	338.69	44.1	45.1	44.8	7.93	7.88	7.56
Refrigeration & serv. ind. mach.	255.17	284.71	226.38	39.5	43.6	38.5	6.46	6.53	5.88
Misc. machinery, exc. electrical	318.20	307.86	290.35	43.0	42.0	43.4	7.40	7.33	6.69

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

(cont.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979
Electrical & electronic equipment	$279.97	$280.95	$259.84	40.4	40.6	40.6	$6.93	$6.92	$6.40
Electric distributing equipment	308.33	329.33	304.71	40.2	41.9	40.9	7.67	7.86	7.45
Transformers	305.52	301.15	298.63	40.9	40.1	42.6	7.47	7.51	7.01
Switchgear & switchbrd apparatus	309.25	343.68	307.97	39.8	42.8	40.1	7.77	8.03	7.68
Electrical industrial apparatus	276.50	277.80	267.60	39.5	39.8	40.0	7.00	6.98	6.69
Household appliances	232.83	232.13	241.78	33.5	33.4	36.8	6.95	6.95	6.57
Electric lighting & wiring equip.	269.98	275.84	241.40	41.6	42.7	40.3	6.49	6.46	5.99
Current-carrying wiring devices	282.53	305.79	246.23	43.2	46.9	40.3	6.54	6.52	6.11
Other elect lght & wirng equip.	261.87	257.44	240.94	40.6	40.1	40.7	6.45	6.42	5.92
Communication equipment	325.44	328.92	301.27	41.3	41.9	43.1	7.88	7.85	6.99
Electronic components & access.	286.44	279.86	250.14	42.0	41.4	41.9	6.82	6.76	5.97
Semiconductors & related devices	382.13	378.00	313.42	45.6	45.0	42.7	8.38	8.40	7.34
Other electronic comp.& access.	239.19	233.44	227.56	40.2	39.7	41.6	5.95	5.88	5.35
Other electrical equip. & supplies	240.96	234.68	229.10	37.3	36.9	38.7	6.46	6.36	5.92
Transportation equipment	354.35	349.61	345.06	41.3	40.7	42.6	8.58	8.59	8.10
Motor vehicles & equipment	352.54	346.53	383.69	39.7	39.2	43.9	8.88	8.84	8.74
Motor vehicle parts & access.	366.33	354.42	405.79	40.3	39.6	45.8	9.09	8.95	8.86
Other motor vehicles & equip.	339.86	340.76	366.34	39.2	38.9	42.4	8.67	8.76	8.64
Aircraft & parts	365.08	370.64	320.88	42.9	42.7	42.5	8.51	8.68	7.55
Ship & boat building & repairing	327.89	334.59	312.08	41.4	42.3	41.5	7.92	7.91	7.52
Railroad equipment	371.39	364.29	333.33	40.5	39.9	40.6	9.17	9.13	8.21
Other transportation equipment	319.44	303.97	287.76	45.7	43.8	44.0	6.99	6.94	6.54
Instruments & related products	276.30	274.55	254.59	41.3	41.1	40.8	6.69	5.68	6.24
Measuring & controlling devices	303.70	288.96	273.37	43.2	42.0	41.8	7.03	6.88	6.54
Medical instruments & supplies	235.46	251.46	222.95	38.6	39.6	39.6	6.10	6.35	5.63
Other instruments & related prods.	249.70	263.00	246.14	39.2	40.4	39.7	6.37	6.51	6.20
Misc. manufacturing industries	281.52	260.83	254.97	41.4	39.7	40.6	6.80	6.57	6.28
TOTAL NONDURABLE GOODS	228.31	231.87	212.81	37.8	38.2	37.8	6.04	6.07	5.63
Food & kindred products	259.60	266.18	243.01	40.0	40.7	40.1	6.49	6.54	6.06
Meat products	277.34	285.71	252.76	42.8	42.9	41.3	6.48	6.66	6.12
Meat packing plants	303.40	325.94	293.51	39.3	43.0	43.1	7.72	7.58	6.81
Sausages & other prepared meats	301.43	317.14	278.95	39.3	40.4	39.4	7.67	7.85	7.08
Poultry dressing & processing	235.22	218.32	186.68	48.7	45.2	41.3	4.83	4.83	4.52
Dairy products	284.66	282.24	258.75	41.8	42.0	41.6	6.81	6.72	6.22
Fluid milk	287.29	284.38	259.58	41.1	40.8	41.8	6.99	6.97	6.21
Other dairy products	282.81	280.14	257.51	42.4	42.9	41.4	6.67	6.53	6.22
Preserved fruits & vegetables	193.49	223.69	185.40	35.7	38.7	36.0	5.42	5.78	5.15
Canned fruits & vegetables	169.58	170.50	152.95	35.7	36.2	35.0	4.75	4.71	4.37
Other preserved fruits & vegs.	227.13	277.28	217.34	35.6	41.2	36.9	6.38	6.73	5.89
Grain mill products	304.78	299.90	274.39	44.3	42.6	41.7	6.88	7.04	6.58
Bakery products	252.73	248.69	240.73	39.8	39.6	39.4	6.35	6.28	6.11
Bread, cake & related products	248.57	244.22	233.43	38.3	38.1	39.1	6.49	6.41	5.97
Cookies & crackers	262.91	259.63	259.45	43.6	43.2	40.1	6.03	6.01	6.47
Sugar & confectionery products	254.48	258.32	251.93	37.7	38.1	40.7	6.75	6.78	6.19
Confectionery products	213.22	203.23	224.78	36.2	35.1	40.5	5.89	5.79	5.55
Chocolate & cocoa products	281.56	287.74	268.77	39.6	40.3	41.8	7.11	7.14	6.43
Other sugar products	296.91	337.84	282.12	37.3	41.1	38.7	7.96	8.22	7.29
Beverages	314.02	353.50	302.63	39.4	42.9	41.4	7.97	8.24	7.31
Other food & kindred products	235.57	246.65	230.23	41.4	43.5	42.4	5.69	5.67	5.43
Tobacco manufacturers	169.92	171.00	147.00	39.7	39.4	37.5	4.28	4.34	3.92
Textile mill products	191.12	186.73	174.72	38.3	38.5	38.4	4.99	4.85	4.55
Weaving mills, synthetics	223.59	231.24	184.40	44.1	45.7	40.0	5.07	5.06	4.61
Knitting mills	177.03	168.73	160.45	36.5	36.6	36.8	4.85	4.61	4.36
Knit outerwear mills	173.88	167.16	155.81	36.3	36.9	35.9	4.79	4.53	4.34
Knit underwear mills	156.38	140.34	150.55	35.3	33.1	36.9	4.43	4.24	4.08
Other knitting mills	198.45	191.62	179.26	37.8	38.4	38.8	5.25	4.99	4.62
Floor covering mills	224.44	221.09	232.40	38.3	37.6	42.8	5.86	5.88	5.43
Yarn & thread mills	170.48	170.40	161.70	36.9	37.7	38.5	4.62	4.52	4.20
Other textile mill products	209.79	211.25	195.05	40.5	41.1	40.3	5.18	5.14	4.84

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(concl.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jan. 1980	Dec. 1978	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979
Apparel & other textile products	$148.62	$147.23	$140.28	32.1	31.8	32.7	$4.63	$4.63	$4.29
Mens & boys suits & coats	209.35	206.02	192.77	36.6	36.4	36.1	5.72	5.66	5.34
Mens & boys furnishings	154.80	153.56	144.82	34.4	34.9	34.4	4.50	4.40	4.21
Mens & boys shirts & nightwear	148.82	150.77	144.84	33.9	34.5	34.9	4.39	4.37	4.15
Mens & boys separate trousers	173.74	168.17	147.23	34.2	33.3	31.8	5.08	5.05	4.63
Other furnishings & wrk. clothng	147.28	147.78	142.76	34.9	36.4	35.6	4.22	4.06	4.01
Womens & misses outerwear	137.51	132.99	131.21	29.7	28.6	30.8	4.63	4.65	4.26
Women & childrens undergarments	127.19	123.65	125.83	32.2	32.2	34.1	3.95	3.84	3.69
Childrens outerwear	135.73	139.39	127.72	29.7	30.5	33.7	4.57	4.57	3.79
Other apparel & textile products	143.76	145.86	129.77	33.2	34.0	32.2	4.33	4.29	4.03
Paper & allied products	307.13	310.30	283.08	45.1	45.7	44.3	6.81	6.79	6.39
Paper mills exc. building paper	396.40	400.82	355.09	48.4	49.0	46.6	8.19	8.18	7.62
Paper board containers & boxes	283.18	297.65	255.43	41.4	43.2	41.0	6.84	6.89	6.23
Corrugated & solid fiber boxes	283.54	293.13	268.23	39.6	40.6	39.1	7.16	7.22	6.86
Other paperboard containers	282.10	302.02	242.95	43.4	45.9	43.0	6.50	6.58	5.65
Other paper & allied products	279.73	274.82	268.88	46.7	46.5	46.2	5.99	5.91	5.82
Printing & publishing	280.87	291.39	254.51	37.7	38.8	36.1	7.45	7.51	7.05
Newspapers	283.27	296.76	265.79	32.3	33.8	33.1	8.77	8.78	8.03
Books	235.25	230.51	205.20	37.7	37.0	36.0	6.24	6.23	5.70
Commercial printing	299.20	321.99	269.00	40.0	42.2	36.9	7.48	7.63	7.29
Lithographing	288.41	298.34	250.28	39.4	40.1	35.4	7.32	7.44	7.07
Other commercial printing	309.37	344.32	286.10	40.6	44.2	38.3	7.62	7.79	7.47
Manifold business forms	294.28	312.44	276.89	41.1	42.8	40.6	7.16	7.30	6.82
Other printing & publishing	277.36	275.58	245.95	38.9	39.2	36.6	7.13	7.03	6.72
Chemicals & allied products	304.38	302.32	288.49	41.3	41.3	42.3	7.37	7.32	6.82
Industrial inorganic chemicals	335.53	329.69	318.77	44.5	43.9	45.8	7.54	7.51	6.96
Plastic materials & synthetics	300.80	307.22	269.47	40.0	40.8	40.4	7.52	7.53	6.67
Drugs	282.72	287.25	279.70	38.0	38.3	39.9	7.44	7.50	7.01
Soap, cleaners & toliet goods	287.47	291.66	267.25	44.5	45.5	44.1	6.46	6.41	6.06
Paints & allied products	270.89	276.31	270.03	38.1	39.7	41.8	7.11	6.96	6.46
Other chemical & allied products	318.82	306.25	296.27	43.2	42.3	43.0	7.38	7.24	6.89
Petroleum & coal products	368.34	394.55	381.74	40.3	42.7	42.7	9.14	9.24	8.94
Petroleum refining	380.39	414.07	398.27	39.5	42.6	42.1	9.63	9.72	9.46
Other petroleum & coal products	315.59	317.39	319.56	44.2	43.3	45.2	7.14	7.33	7.07
Rubber & misc. plastic products	243.61	239.34	236.33	40.2	39.3	41.1	6.06	6.09	5.75
Tires & inner tubes	393.47	378.90	378.42	46.4	45.0	47.6	8.48	8.42	7.95
Fabricated rubber products	277.30	284.00	260.65	42.4	44.1	42.8	6.54	6.44	6.09
Other rubber & plastic prods.,nec	202.75	196.88	195.61	38.4	37.5	39.2	5.28	5.25	4.99
Leather & leather products	170.31	164.55	148.30	39.7	38.9	36.8	4.29	4.23	4.03
Footwear, exc. rubber	158.59	153.18	133.41	38.4	38.2	35.2	4.13	4.01	3.79
Mens footwear, exc. athletic	173.40	171.81	145.92	40.8	41.5	38.2	4.25	4.14	3.82
Womens footwear, exc. athletic	152.38	145.45	124.36	38.0	37.2	32.9	4.01	3.91	3.78
Other footwear	144.38	139.79	128.93	35.3	35.3	34.2	4.09	3.96	3.77
Other leather & leather products	211.68	214.86	199.66	44.1	44.3	42.3	4.80	4.85	4.72
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	375.19	370.63	325.61	48.6	47.7	42.9	7.72	7.77	7.59
Bituminous coal & lignite mining	381.54	367.82	350.09	35.1	33.9	34.8	10.87	10.85	10.06
Nonmetallic minerals, exc. fuels	308.35	326.49	297.08	41.5	44.3	42.5	7.43	7.37	6.99
Communication	346.46	353.63	324.41	40.1	40.6	40.2	8.64	8.71	8.07
Electric, gas, & sanitary services	399.61	400.06	379.62	44.9	44.9	44.4	8.90	8.91	8.55
Electric services	417.66	409.84	394.33	47.3	47.0	47.0	8.83	8.72	8.39
Gas production & distribution	343.31	354.75	323.29	42.7	43.0	41.5	8.04	8.25	7.79
General merchandise stores	124.98	131.16	115.87	25.3	28.7	25.3	4.94	4.57	4.58
Banking	178.39	176.98	160.70	INA	INA	INA	INA	INA	INA
Insurance carriers	211.91	212.38	199.56	INA	INA	INA	INA	INA	INA
Life insurance	196.97	198.91	183.98	INA	INA	INA	INA	INA	INA
Fire, marine & casualty ins.	211.77	211.81	201.30	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$154.42	39.8	$3.88	$172.61	41.0	$4.21	$130.60	38.3	$3.41	$191.83	40.3	$4.76
1973	167.23	40.2	4.16	187.17	41.5	4.51	139.03	38.3	3.63	212.38	41.4	5.13
1974	180.97	39.6	4.57	203.45	41.1	4.95	146.59	37.3	3.93	239.61	41.1	5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1979 Jan	269.20	40.0	6.73	305.95	41.4	7.39	212.81	37.8	5.63	373.92	41.5	9.01
Feb	271.32	39.9	6.80	308.92	41.3	7.48	212.06	37.6	5.64	384.14	41.8	9.19
Mar	274.44	40.3	6.81	313.50	41.8	7.50	215.65	38.1	5.66	387.74	42.1	9.21
Apr	265.30	38.9	6.82	301.50	40.2	7.50	209.59	36.9	5.68	396.68	42.2	9.40
May	273.14	39.7	6.88	311.54	41.1	7.58	215.27	37.7	5.71	387.39	41.3	9.38
Jun	278.29	40.1	6.94	316.30	41.4	7.64	218.12	38.0	5.74	397.00	42.1	9.43
Jul	277.31	39.9	6.95	313.65	41.0	7.65	221.37	38.3	5.78	397.00	42.1	9.43
Aug	279.49	39.7	7.04	317.79	40.9	7.77	221.92	38.0	5.84	399.75	41.0	9.75
Sep	285.51	40.1	7.12	323.42	41.2	7.85	225.00	38.2	5.89	407.12	41.5	9.81
Oct	284.57	39.8	7.15	323.05	41.1	7.86	224.37	37.9	5.92	397.39	40.8	9.74
Nov	294.19	40.3	7.30	334.88	41.6	8.05	230.78	38.4	6.01	425.60	41.2	10.33
Dec	291.34	39.8	7.32	329.65	40.9	8.06	231.87	38.2	6.07	408.35	39.8	10.26
1980 Jan	285.32	39.3	7.26	321.20	40.2	7.99	228.31	37.8	6.04	378.22	37.3	10.14

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$168.47	41.7	$4.04	$183.17	42.4	$4.32	$161.57	40.8	$3.96	$180.59	40.4	$4.47
1973	182.68	41.9	4.36	198.77	43.4	4.58	167.69	40.8	4.11	197.69	41.1	4.81
1974	196.24	41.4	4.74	209.78	42.9	4.89	175.96	39.9	4.41	215.54	40.9	5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1979 Jan	278.94	40.9	6.82	302.74	42.4	7.14	259.84	40.6	6.40	345.06	42.6	8.10
Feb	281.11	40.8	6.89	306.00	42.5	7.20	260.58	40.4	6.45	339.81	41.9	8.11
Mar	287.04	41.3	6.95	310.17	42.9	7.23	264.68	41.1	6.44	341.88	42.0	8.14
Apr	261.23	38.7	6.75	286.63	40.2	7.13	250.63	39.1	6.41	311.65	39.4	7.91
May	288.23	41.0	7.03	303.47	41.8	7.26	261.55	40.3	6.49	333.33	41.0	8.13
Jun	288.36	40.5	7.12	309.33	42.2	7.33	264.31	40.6	6.51	334.15	41.0	8.15
Jul	282.80	40.0	7.07	303.99	41.7	7.29	259.24	39.7	6.53	334.55	40.7	8.22
Aug	283.60	40.0	7.09	312.28	42.2	7.40	257.90	39.8	6.48	341.04	40.6	8.40
Sep	286.80	40.0	7.17	318.33	42.5	7.49	271.62	40.3	6.74	350.26	41.5	8.44
Oct	292.66	40.2	7.28	321.73	42.5	7.57	273.91	40.4	6.78	355.28	41.7	8.52
Nov	299.30	41.0	7.30	329.84	43.4	7.60	283.73	41.3	6.87	349.76	41.1	8.51
Dec	304.79	41.3	7.38	327.76	42.9	7.64	280.95	40.6	6.92	349.61	40.7	8.59
1980 Jan	301.43	40.9	7.37	329.80	42.5	7.76	279.97	40.4	6.93	354.35	41.3	8.58

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1972	$149.48	40.4	$3.70	$113.08	39.4	$2.87	$ 94.24	33.9	$2.78	$170.33	38.8	$4.39
1973	158.36	40.5	3.91	120.43	39.1	3.08	99.71	33.8	2.95	180.81	38.8	4.66
1974	171.68	40.3	4.26	124.74	37.8	3.30	103.02	32.6	3.16	189.52	38.0	4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1979 Jan	243.01	40.1	6.06	174.72	38.4	4.55	140.28	32.7	4.29	254.51	36.1	7.05
Feb	240.34	39.4	6.10	171.00	37.5	4.56	141.57	33.0	4.29	252.74	35.9	7.04
Mar	247.02	40.1	6.16	178.87	38.8	4.61	140.91	33.0	4.27	258.09	36.3	7.11
Apr	242.09	39.3	6.16	173.58	37.9	4.58	137.03	31.5	4.35	245.70	35.1	7.00
May	248.00	40.0	6.20	180.11	38.9	4.63	139.54	32.3	4.32	254.54	35.8	7.11
Jun	248.58	39.9	6.23	182.82	39.4	4.64	143.77	32.9	4.37	256.68	36.0	7.13
Jul	253.49	40.3	6.29	178.31	38.1	4.68	145.25	33.7	4.31	265.27	37.1	7.15
Aug	256.07	40.2	6.37	180.01	38.3	4.70	142.79	32.6	4.38	266.35	37.2	7.16
Sep	256.14	40.4	6.34	181.93	38.3	4.75	146.17	32.7	4.47	268.93	37.3	7.21
Oct	248.77	39.3	6.33	185.85	38.8	4.79	148.98	32.6	4.57	265.70	36.8	7.22
Nov	261.06	40.6	6.43	188.37	39.0	4.83	149.77	32.7	4.58	276.77	37.3	7.42
Dec	266.18	40.7	6.54	186.73	38.5	4.85	147.23	31.8	4.63	291.39	38.8	7.51
1980 Jan	259.60	40.0	6.49	191.12	38.3	4.99	148.62	32.1	4.63	280.87	37.7	7.45

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1968	$119.20	40.0	$2.98	105.6	104.2	$114.40	$ 4.80
1969	127.52	40.1	3.18	112.7	109.8	116.14	11.38
1970	131.71	39.2	3.36	119.1	116.3	113.25	18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979
MANUFACTURING	990.8	983.4	995.0	38,933.3	39,171.8	39,779.4	282,625.8	286,648.7	267,769.7
DURABLE GOODS	605.0	601.2	602.0	24,339.5	24,582.7	24,916.5	194,425.5	198,055.6	184,043.5
NONDUR. GOODS	385.8	382.2	393.0	14,593.8	14,589.1	14,862.9	88,200.3	88,593.1	83,726.2

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Group
(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.5	809.3	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,369.2	828.0	21.9	20.2	63.8	199.2	112.5	137.8
1979	1,389.8	853.9	22.5	20.4	65.0	203.2	116.0	142.5
1979 Jan.	1,374.7	840.0	21.4	20.4	63.6	200.9	116.0	140.0
Feb.	1,375.9	841.5	21.4	20.6	62.6	200.8	115.6	140.7
Mar.	1,381.9	845.8	22.2	20.2	64.2	201.6	115.5	140.9
Apr.	1,389.5	852.0	22.8	20.3	64.3	201.6	116.0	143.6
May	1,392.2	855.2	22.9	20.2	65.0	202.5	115.9	143.4
Jun.	1,409.8	866.4	23.2	20.3	67.1	207.1	116.6	144.6
Jul.	1,397.1	861.9	22.9	19.7	67.0	206.8	114.7	142.9
Aug.	1,390.4	852.0	23.1	20.5	66.4	207.1	116.1	141.1
Sep.	1,398.0	861.5	23.0	20.8	65.6	204.7	116.0	143.2
Oct.	1,394.6	860.0	22.8	20.9	65.0	202.5	116.3	144.0
Nov.	1,390.2	857.2	22.2	20.8	64.5	201.9	116.2	142.5
Dec.	1,383.7	853.0	21.7	20.3	64.6	200.7	116.6	143.4
1980 Jan.	1,369.8	845.3	21.8	20.3	62.2	198.6	115.5	146.4

Year and Month	Electrical Equipment and Supplies	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.3	37.3	27.8	532.2	98.8	3.6	49.4
1978	123.9	81.8	40.3	26.6	541.2	99.7	4.0	50.6
1979	127.1	87.8	42.9	26.6	536.0	100.1	3.6	48.4
1979 Jan.	125.8	84.3	41.7	25.9	534.7	99.1	3.8	48.9
Feb.	125.7	85.8	42.3	26.0	534.4	97.6	3.8	49.1
Mar.	125.9	86.5	42.6	26.2	536.1	98.4	3.8	48.9
Apr.	127.0	86.9	43.0	26.5	537.5	98.7	3.7	48.9
May	128.8	87.1	43.1	26.3	537.0	98.0	3.7	48.6
Jun.	128.3	88.4	43.7	27.1	543.4	99.6	3.7	49.1
Jul.	129.1	88.5	43.4	26.9	535.2	99.9	3.6	47.6
Aug.	119.4	87.5	43.4	27.4	538.4	101.7	3.5	48.4
Sep.	128.9	89.4	42.8	27.1	536.5	102.2	3.4	48.2
Oct.	128.4	90.1	42.7	27.3	534.6	102.2	3.3	48.0
Nov.	129.2	90.4	42.8	26.7	533.0	101.4	3.3	48.1
Dec.	128.9	88.1	42.8	25.9	530.7	102.1	3.2	47.5
1980 Jan.	128.9	83.0	43.0	25.6	524.5	96.6	3.2	46.8

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)

Industry Group

(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	135.2	61.0	44.4	71.1	59.9	17.3	39.9	19.2
1979	128.8	58.9	44.8	72.1	61.0	17.4	42.0	17.8
1979 Jan.	131.1	61.3	44.7	71.6	59.7	16.6	40.9	18.3
Feb.	132.5	61.8	44.5	71.3	60.0	16.3	41.1	18.2
Mar.	132.3	61.5	44.6	71.8	60.4	16.5	41.6	17.8
Apr.	132.5	61.6	44.8	71.7	60.6	17.2	41.6	17.8
May	131.5	60.5	44.5	72.0	60.9	17.6	42.2	18.0
Jun.	132.3	61.0	45.0	72.3	61.9	18.2	42.9	18.4
Jul.	127.1	57.9	45.1	72.2	62.0	18.1	42.6	17.0
Aug.	126.6	56.6	46.1	71.8	61.9	18.2	42.4	17.8
Sep.	126.5	57.0	45.4	71.7	61.2	17.9	42.4	17.6
Oct.	125.6	56.9	44.6	72.0	61.2	17.7	42.5	17.5
Nov.	124.6	56.5	44.2	72.8	61.1	17.8	42.3	17.4
Dec.	122.5	54.3	43.8	73.5	61.5	17.1	42.0	17.5
1980 Jan.	123.5	55.7	43.6	73.4	61.0	16.9	41.9	17.6

TABLE 12. SELECTED PENNSYLVANIA INDICES

(Not Adjusted)

1967 = 100

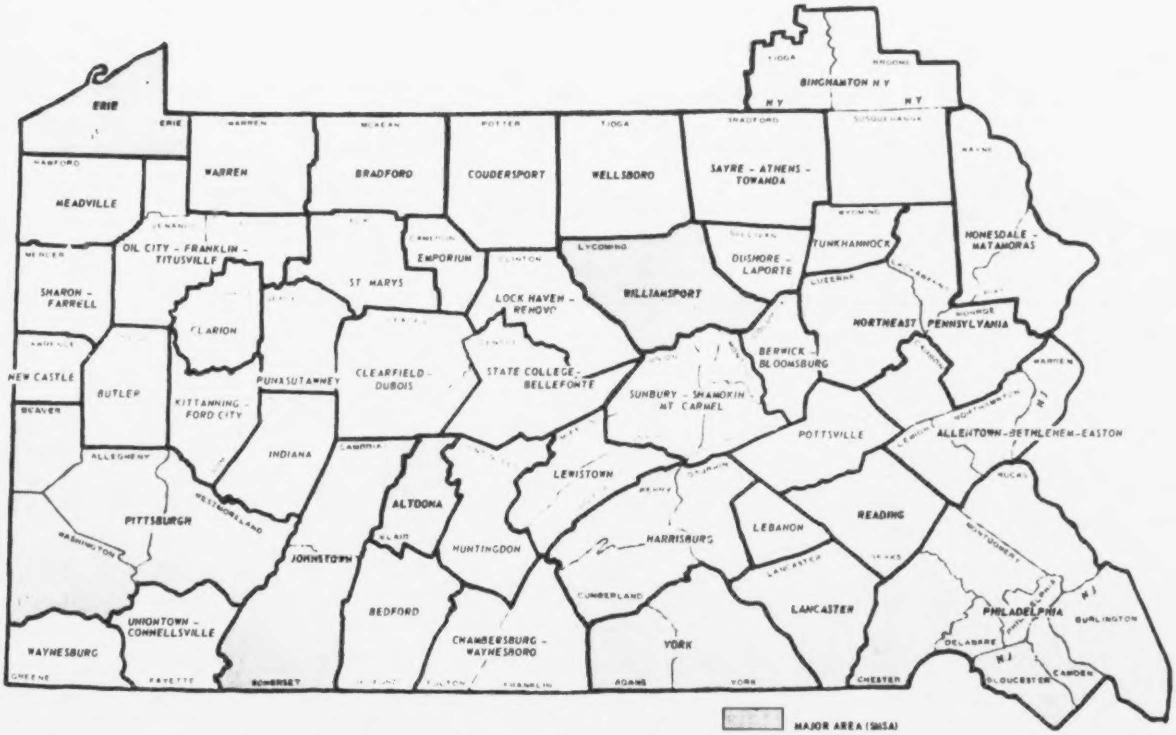
Industry Group	1980 Jan.	1979 Dec.	1979 Jan.	1978 Jan.	ANNUAL AVERAGE 1979	ANNUAL AVERAGE 1978
EMPLOYMENT						
All Manufacturing	88.0	88.5	88.3	86.0	89.3	87.9
Primary Metals	77.5	78.3	78.4	77.4	79.3	77.7
Apparel	68.8	66.3	73.0	72.8	71.7	75.3
All Nonmanufacturing	131.0	134.0	127.2	121.4	131.6	128.5
Construction	104.5	115.5	93.9	87.8	113.4	109.6
Retail Trade	128.6	134.4	129.2	125.7	130.9	131.0
Services	157.6	161.1	148.6	139.0	156.4	148.1
Government	127.8	128.4	125.9	125.3	127.4	127.8

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to:

Office of Employment Security
Research and Statistics Divison
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121


ERIE
WARREN
BRADFORD
COUDERSPORT
WELLSBORO
SAYRE - ATHENS - TOWANDA
BINGHAMTON N Y
MEADVILLE
OIL CITY - FRANKLIN - TITUSVILLE
SHARON - FARRELL
EMPORIUM
ST MARYS
LOCK HAVEN - RENOVO
WILLIAMSPORT
DUSHORE - LAPORTE
TUNKHANNOCK
HONESDALE - MATAMORAS
NORTHEAST PENNSYLVANIA
CLARION
NEW CASTLE
BUTLER
PUNXSUTAWNEY
CLEARFIELD - DUBOIS
STATE COLLEGE - BELLEFONTE
BERWICK - BLOOMSBURG
KITTANNING - FORD CITY
SUNBURY - SHAMOKIN - MT CARMEL
POTTSVILLE
ALLENTOWN - BETHLEHEM - EASTON
INDIANA
LEWISTOWN
PITTSBURGH
ALTOONA
READING
LEBANON
HARRISBURG
JOHNSTOWN
HUNTINGDON
BEDFORD
UNIONTOWN - CONNELLSVILLE
WAYNESBURG
CHAMBERSBURG - WAYNESBORO
YORK
LANCASTER
PHILADELPHIA
N J
MAJOR AREA (SMSA)

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN - BETHLEHEM - EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES
MAJOR LABOR MARKET AREAS

(Per 100 Employees)
DECEMBER 1979

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
PENNSYLVANIA	1,383.7	1.9	2.3	1.9	0.9	1.3	1.1	0.9	0.8	0.6
ALLENTOWN-BETHLEHEM-EASTON	110.9	1.2	2.1	1.2	0.8	1.3	0.6	0.3	0.5	0.4
ALTOONA	13.4	1.4	2.2	1.3	0.6	0.9	0.3	0.6	1.3	0.9
ERIE	43.9	1.3	1.6	1.7	0.5	0.9	1.1	0.5	0.4	0.4
HARRISBURG	43.6	2.1	2.0	1.9	1.2	1.4	1.1	0.5	0.4	0.7
JOHNSTOWN	20.3	1.5	2.5	1.7	0.5	0.5	0.8	1.0	2.0	0.9
LANCASTER	60.5	2.0	2.8	2.0	1.7	2.4	1.6	0.3	0.3	0.2
NORTHEAST	72.6	2.2	2.8	2.0	0.8	1.3	1.0	1.2	1.2	0.9
SCRANTON	28.3	1.6	2.2	1.5	0.9	1.2	0.8	0.6	1.0	0.6
WILKES-BARRE-HAZLETON	39.8	2.7	2.5	1.5	0.8	1.2	0.8	1.7	1.0	0.6
PHILADELPHIA	457.5	1.8	2.2	1.7	1.0	1.6	1.1	0.6	0.5	0.4
PITTSBURGH	253.0	2.0	2.0	1.9	0.5	0.7	0.6	1.3	1.0	1.1
READING	55.3	2.2	2.3	2.5	1.4	1.7	1.7	0.7	0.5	0.6
WILLIAMSPORT	17.0	1.0	1.3	1.9	0.3	0.7	0.8	0.5	0.5	1.0
YORK	65.1	2.1	2.7	2.7	1.6	2.2	2.1	0.4	0.5	0.4

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978	Dec. 1979	Nov. 1979	Dec. 1978
PENNSYLVANIA	1,383.7	3.1	3.0	2.7	0.6	0.8	0.8	2.0	1.6	1.3
ALLENTOWN-BETHLEHEM-EASTON	110.9	2.6	2.7	2.1	0.5	0.7	0.7	1.7	1.7	1.0
ALTOONA	13.4	2.0	2.7	2.6	0.7	0.8	0.5	1.0	1.5	1.7
ERIE	43.9	3.3	2.7	3.8	0.5	0.6	0.7	2.3	1.5	2.5
HARRISBURG	43.6	3.6	2.6	3.4	1.1	1.0	1.0	1.8	1.1	1.8
JOHNSTOWN	20.3	1.9	2.3	1.8	0.4	0.5	0.8	1.2	1.6	0.6
LANCASTER	60.5	2.5	2.7	2.7	1.4	1.6	1.3	0.6	0.7	1.0
NORTHEAST	72.6	5.0	4.1	6.0	0.5	1.0	1.0	4.0	2.4	4.5
SCRANTON	28.3	4.0	2.5	5.2	0.3	0.8	1.2	3.3	1.4	3.7
WILKES-BARRE-HAZLETON	39.8	5.8	4.4	6.2	0.5	1.0	0.6	4.8	2.8	5.1
PHILADELPHIA	457.5	3.0	3.1	2.3	0.7	1.0	0.7	1.7	1.4	0.9
PITTSBURGH	253.0	3.9	2.2	2.5	0.3	0.4	0.4	3.1	1.3	1.4
READING	55.3	2.5	2.8	2.6	1.0	1.1	1.1	1.0	1.3	1.0
WILLIAMSPORT	17.0	1.2	2.1	1.4	0.3	0.3	0.6	0.6	1.4	0.5
YORK	65.1	2.8	3.5	4.7	1.0	1.8	1.8	1.4	1.2	2.3

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jan. 1980	Dec. 1979	Jan. 1980	Jan. 1980	Dec. 1979	Jan. 1980	Jan. 1980	Dec. 1979	Jan. 1980
PENNSYLVANIA	$285.32	$291.34	$269.20	39.3	39.8	40.0	$7.26	$7.32	$6.73
ALLENTOWN-BETHLEHEM-EASTON	293.72	293.75	260.16	38.8	38.6	38.6	7.57	7.61	6.74
ALTOONA	251.70	245.94	225.61	39.7	39.1	38.5	6.34	6.29	5.86
ERIE	307.97	301.81	281.06	41.9	41.4	41.7	7.35	7.29	6.74
HARRISBURG	274.03	282.76	257.00	40.9	41.4	40.6	6.70	6.83	6.33
JOHNSTOWN	311.89	318.30	277.50	38.6	39.2	39.7	8.08	8.12	6.99
LANCASTER	260.94	262.48	237.58	40.9	41.4	40.2	6.38	6.34	5.91
NORTHEAST	213.18	211.31	190.11	37.4	37.4	36.7	5.70	5.65	5.18
SCRANTON	220.13	221.03	197.51	39.1	39.4	38.5	5.63	5.61	5.13
WILKES-BARRE-HAZ[illegible]TON	206.85	202.78	183.74	36.1	35.7	35.2	5.73	5.68	5.22
PHILADELPHIA	289.84	296.93	272.68	40.2	40.9	40.1	7.21	7.26	6.80
PITTSBURGH	353.60	352.08	321.98	40.0	40.1	39.8	8.84	8.78	8.09
READING	266.47	269.30	239.23	38.9	39.2	38.4	6.85	6.87	6.23
WILLIAMSPORT	272.96	260.80	242.61	40.2	39.1	40.1	6.79	6.67	6.05
YORK	265.51	259.95	249.42	41.1	42.2	41.5	6.46	6.16	6.01

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT
MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	Jan. 1980		Dec. 1979		Jan. 1979	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	6.8	6.2	5.6	5.9	6.4	5.8
PENNSYLVANIA	7.8	7.2	6.6	7.3	7.1	6.4
ALLENTOWN-BETH-EASTON	7.1	6.2	6.7	7.0	-	-
ALTOONA	9.6	8.6	8.4	8.4	9.0	8.0
ERIE	8.4	7.5	7.5	7.6	7.6	6.9
HARRISBURG	6.1	5.3	4.6	5.0	5.5	4.9
JOHNSTOWN	10.2	8.9	8.9	9.0	9.3	8.0
LANCASTER	5.2	4.3	4.2	4.5	4.8	4.0
NORTHEAST	10.4	9.1	9.2	9.0	9.3	8.2
SCRANTON	9.4	8.5	8.5	8.1	9.0	8.1
W BARRE-HAZLETON	11.0	9.6	9.6	9.8	9.6	8.2
PHILADELPHIA	6.5	6.4	5.9	6.6	-	-
PITTSBURGH	7.4	6.6	5.7	5.9	6.3	5.6
POTTSVILLE	10.6	-	10.6	-	9.3	-
READING	6.7	6.2	5.2	6.5	5.5	5.1
UNIONTOWN-CONNELLSVLE	13.6	-	9.8	-	10.6	-
WILLIAMSPORT	12.0	10.9	11.0	11.3	8.5	7.8
YORK	7.0	6.3	5.0	5.3	5.3	4.7

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979
UNITED STATES	103,188.0	103,884.0	100,867.0	96,145.0	98,047.0	94,436.0	7,043.0	5,836.0	6,431.0
PENNSYLVANIA	5,332.0	5,331.0	5,273.0	4,918.0	4,978.0	4,897.0	414.0	354.0	376.0
ALLENTOWN-BETH-EASTON	302.3	302.5	-	280.7	282.3	-	21.6	20.2	-
ALTOONA	59.5	59.0	57.3	53.7	54.0	52.2	5.7	5.0	5.2
ERIE	126.0	125.9	125.4	115.5	116.4	115.9	10.6	9.4	9.6
HARRISBURG	217.7	215.8	216.9	204.5	205.9	204.8	13.2	10.0	12.0
JOHNSTOWN	111.3	109.3	108.6	100.0	99.6	98.5	11.4	9.8	10.0
NCASTER	176.4	176.3	175.1	167.3	168.9	166.7	9.1	7.4	8.4
NORTHEAST	287.4	286.0	282.4	257.5	259.6	256.1	29.9	26.4	26.4
SCRANTON	104.9	104.6	103.8	95.0	95.8	94.5	9.9	8.9	9.3
W BARRE-HAZLETON	155.3	154.1	152.0	138.2	139.3	137.5	17.1	14.7	14.5
PHILADELPHIA	2,121.3	2,139.2	-	1,983.9	2,013.2	-	137.4	126.0	-
PITTSBURGH	1,015.2	1,013.1	1,007.7	940.0	955.2	944.0	75.3	57.9	63.8
POTTSVILLE	66.3	67.1	67.8	59.3	60.0	61.6	7.0	7.1	6.3
READING	154.9	153.5	148.5	144.6	145.4	140.4	10.3	8.0	8.1
UNIONTOWN-CONNELLSVLE	60.9	58.8	60.6	52.6	53.1	54.2	8.3	5.7	6.5
WILLIAMSPORT	52.3	52.5	52.7	46.0	46.7	48.2	6.3	5.8	4.5
YORK	175.4	173.3	171.2	163.1	164.7	162.1	12.3	8.6	9.0

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	Nonagricultural Wage and Salary			Private Sector *		
	Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979
UNITED STATES	89,176.0	91,000.0	87,128.0	73,420.0	75,070.0	71,628.0
PENNSYLVANIA	4,794.5	4,888.8	4,701.4	4,064.7	4,154.3	3,981.6
ALLENTOWN-BETHLEHEM-EASTON	263.3	266.7	259.2	234.2	237.7	229.6
ALTOONA	53.3	53.9	51.2	46.1	46.8	44.1
ERIE	116.0	117.9	115.3	102.0	103.9	101.1
HARRISBURG	215.2	218.1	213.6	160.3	163.2	157.6
JOHNSTOWN	91.0	91.4	88.6	75.1	76.2	74.0
LANCASTER	152.4	155.2	150.1	137.3	139.9	135.2
NORTHEAST	242.7	246.5	238.9	202.9	205.7	200.2
SCRANTON	87.0	88.6	85.4	74.8	76.3	73.4
WILKES-BARRE-HAZLETON	127.0	129.6	125.7	107.3	108.9	106.4
PHILADELPHIA	1,921.7	1,963.9	1,886.0	1,613.9	1,655.1	1,588.8
PITTSBURGH	945.6	968.2	940.6	819.0	839.7	816.5
POTTSVILLE	47.7	48.7	48.8	38.9	40.0	40.9
READING	140.8	143.0	135.7	124.1	125.9	119.7
UNIONTOWN-CONNELLSVILLE	36.1	36.6	36.8	28.9	29.5	28.9
WILLIAMSPORT	46.3	47.4	48.1	39.9	41.0	41.4
YORK	157.5	160.2	155.0	138.3	138.0	135.9

Area	Manufacturing			Nonmanufacturing		
	Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979
UNITED STATES	20,677.0	20,905.0	20,763.0	68,499.0	70,095.0	66,365.0
PENNSYLVANIA	1,369.8	1,383.7	1,374.7	3,419.7	3,498.8	3,320.8
ALLENTOWN-BETHLEHEM-EASTON	110.3	110.9	109.8	153.0	155.8	149.2
ALTOONA	13.6	13.4	12.7	39.7	40.5	38.5
ERIE	43.2	43.9	44.5	72.5	74.0	70.8
HARRISBURG	43.5	43.6	42.3	171.6	174.4	171.0
JOHNSTOWN	20.3	20.3	20.3	70.6	71.1	68.2
LANCASTER	60.1	60.5	60.1	92.3	94.7	90.0
NORTHEAST	73.7	72.6	73.2	168.6	173.5	165.7
SCRANTON	28.5	28.3	27.9	58.1	59.9	57.5
WILKES-BARRE-HAZLETON	40.1	39.8	40.5	86.9	89.8	85.2
PHILADELPHIA	454.6	457.5	450.4	1,465.3	1,505.5	1,432.8
PITTSBURGH	246.5	253.0	253.3	697.1	714.2	685.0
POTTSVILLE	20.1	20.1	21.4	27.6	28.6	27.4
READING	55.2	55.3	54.8	85.6	87.7	80.9
UNIONTOWN-CONNELLSVILLE	8.0	8.1	7.6	28.1	28.5	28.6
WILLIAMSPORT	16.6	17.0	18.5	29.7	30.4	29.6
YORK	67.7	65.1	66.5	89.8	92.1	88.4

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* Excludes Government employment

TABLE 17. LABOR TURNOVER RATES IN PENNSYLVANIA
NONDURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	Nondurable Goods						Food & Kindred						Textiles						Apparel					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	4.3	3.1		4.4	2.4	1.3	5.1	3.4		5.4	2.8	1.9	5.1	4.3		5.2	3.6	0.7	4.8	3.0		5.1	2.4	1.9
1974	4.2	2.7		4.9	2.1	2.1	5.2	3.3		5.0	2.6	2.5	4.5	3.6		5.5	3.1	1.7	5.2	2.5		6.6	2.1	3.8
1975	4.1	1.8		4.4	1.3	2.5	4.6	2.3		4.9	1.5	2.7	4.5	2.3		5.1	1.6	2.8	5.6	2.3		5.6	1.5	3.5
1976	3.9	2.2	1.4	4.1	1.4	2.0	4.6	2.3	2.0	4.9	1.4	2.8	4.5	3.0	1.2	4.8	2.2	1.9	4.8	2.5	2.0	5.5	1.7	2.9
1977	3.9	2.3	1.4	3.9	1.5	1.8	4.9	2.4	2.2	5.0	1.6	2.8	4.3	3.0	1.1	4.6	2.2	1.8	5.1	2.6	2.2	5.1	1.8	2.6
1978	3.6	2.4	1.0	3.6	1.7	1.3	4.1	2.5	1.4	4.3	1.8	1.9	4.5	3.5	0.8	4.2	2.6	0.9	4.3	2.7	1.3	4.6	2.0	1.8
Dec.	2.2	1.4	0.7	3.5	1.2	1.6	2.6	1.9	0.6	4.8	1.5	2.5	2.5	1.7	0.7	3.5	1.6	1.3	2.0	1.2	0.7	4.8	1.2	2.8
1979																								
Jan.	4.0	2.2	1.6	3.9	1.5	1.7	3.6	2.0	1.4	5.2	1.6	3.0	4.1	3.2	0.7	4.3	2.5	1.2	6.7	2.6	3.8	4.9	1.8	2.3
Feb.	3.1	1.9	1.1	2.9	1.3	1.0	3.1	1.5	1.4	3.5	1.5	1.5	3.0	2.1	0.8	3.4	2.2	0.6	4.9	2.7	1.9	3.9	1.6	1.8
Mar.	3.8	2.3	1.3	3.7	1.6	1.3	3.5	2.0	1.4	3.5	1.5	1.4	3.6	2.5	0.9	3.9	2.3	0.9	4.8	2.8	1.8	5.4	2.0	2.4
Apr.	3.6	2.1	1.1	3.5	1.5	1.3	4.3	2.5	1.6	4.1	1.6	2.0	3.6	2.6	0.8	4.1	2.4	1.1	4.3	2.2	1.7	4.5	1.8	1.8
May	4.1	2.7	1.1	3.7	1.7	1.4	5.0	3.4	1.3	4.7	1.9	2.1	4.1	3.3	0.6	4.0	2.6	0.9	4.9	2.5	2.0	5.2	1.9	2.6
Jun.	4.3	3.0	1.0	3.6	1.7	1.3	5.1	3.6	1.2	4.4	2.0	1.7	4.3	3.6	0.5	4.0	2.5	0.8	4.7	2.5	1.8	5.1	2.0	2.2
Jul.	4.0	2.2	1.6	4.3	1.6	2.1	5.8	3.0	2.6	4.3	1.9	1.8	4.8	2.6	2.0	6.5	2.3	3.4	4.8	2.1	2.4	6.7	1.9	3.9
Aug.	4.2	2.7	1.2	5.0	2.9	1.4	5.4	3.5	1.4	4.6	3.1	0.8	4.4	3.4	0.9	6.2	3.7	0.4	5.3	2.6	2.4	6.5	2.8	2.7
Sep.	4.0	2.7	1.0	4.4	2.3	1.5	5.0	3.4	1.6	5.0	2.5	1.8	3.9	3.0	0.7	4.9	3.1	1.3	5.3	2.8	2.0	5.5	2.3	2.5
Oct.	3.7	2.5	1.0	3.8	1.7	1.5	4.2	2.9	1.1	4.8	2.0	1.9	4.4	3.1	1.1	4.1	2.3	1.2	5.1	2.7	2.2	5.1	1.9	2.6
Nov.	3.0	1.9	1.0	3.6	1.3	1.7	3.5	2.2	1.1	4.2	1.7	1.7	2.9	1.9	0.8	3.8	1.9	1.4	3.6	1.7	1.7	5.5	1.4	3.6
Dec.	2.3	1.1	1.0	3.2	0.8	1.8	2.8	1.1	1.2	3.4	1.1	1.8	1.9	1.3	0.5	3.3	1.2	1.5	3.1	1.1	1.9	4.9	0.8	3.5

Year & Month	Paper & Allied Products						Printing & Publishing						Chemicals						Petroleum & Coal Products					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	3.1	2.6		3.0	1.7	0.6	2.8	2.2		2.9	1.6	0.8	2.5	1.8		2.4	1.2	0.6	1.6	1.3		2.0	0.7	0.4
1974	2.7	2.0		3.5	1.6	1.3	2.4	1.9		2.6	1.4	0.7	2.2	1.6		2.3	1.0	0.7	1.4	1.1		1.4	0.6	0.3
1975	3.4	1.0		3.7	0.7	2.5	2.0	1.1		2.5	0.8	1.3	2.2	0.9		2.4	0.5	1.4	1.1	0.8		1.1	0.3	0.3
1976	2.5	1.5	0.9	2.4	0.8	1.1	2.3	1.5	0.6	2.3	0.9	0.9	2.1	1.2	0.7	1.9	0.6	0.8	1.5	1.0	0.2	1.6	0.4	0.3
1977	2.6	1.5	0.9	2.7	0.9	1.3	2.2	1.5	0.6	2.1	1.0	0.7	2.0	1.3	0.6	2.0	0.7	0.6	1.4	1.1	0.1	1.5	0.5	0.3
1978	2.7	1.7	0.8	2.6	1.1	0.9	2.5	1.8	0.6	2.4	1.2	0.8	2.0	1.4	0.5	1.8	0.7	0.5	1.4	1.1	0.2	1.5	0.5	0.4
Dec.	2.3	1.0	1.1	2.4	0.7	1.2	2.1	1.3	0.7	1.9	1.1	0.5	1.2	0.9	0.2	1.3	0.5	0.3	0.6	0.4	N	1.8	0.3	0.8
1979																								
Jan.	2.5	1.2	1.1	3.4	0.9	1.8	2.8	2.2	0.6	2.9	1.2	1.1	1.6	1.2	0.3	1.7	0.6	0.5	1.0	0.7	0.2	1.1	0.3	0.5
Feb.	2.0	1.1	0.8	1.9	0.8	0.6	2.4	1.6	0.7	1.9	1.1	0.5	1.5	1.2	0.3	1.4	0.5	0.3	1.0	0.6	0.3	1.2	0.4	0.2
Mar.	2.4	1.4	0.8	1.9	1.0	0.4	2.7	1.7	1.0	2.0	1.1	0.6	2.1	1.6	0.4	1.4	0.7	0.3	1.2	0.9	0.2	0.7	0.3	0.1
Apr.	2.6	1.6	0.8	2.5	1.1	0.8	2.4	1.8	0.5	2.3	1.2	0.8	1.6	1.1	0.3	1.2	0.6	0.4	2.0	1.1	0.8	1.2	0.5	0.4
May	3.8	2.6	0.9	2.5	1.2	0.8	2.7	2.2	0.5	2.4	1.3	0.7	2.2	1.7	0.4	1.3	0.6	0.3	2.4	1.6	0.4	1.0	0.4	0.2
Jun.	4.1	3.2	0.7	2.0	1.1	0.5	3.3	2.6	0.6	2.4	1.3	0.8	3.0	2.4	0.4	1.5	0.7	0.4	2.8	2.6	0.1	1.2	0.2	0.3
Jul.	4.3	2.6	1.6	3.6	1.2	1.7	2.4	1.7	0.6	2.1	1.2	0.6	1.6	1.2	0.3	1.4	0.7	0.4	2.7	2.3	0.2	1.1	0.4	0.2
Aug.	3.6	2.6	0.9	4.5	2.7	0.8	2.5	1.9	0.1	3.2	2.2	0.4	1.9	1.6	0.3	2.8	1.9	0.4	1.4	0.9	0.1	3.6	2.5	0.4
Sep.	3.2	2.8	0.2	4.4	2.7	1.0	2.8	2.3	0.4	2.7	1.8	0.6	2.0	1.5	0.3	2.5	1.2	0.8	1.7	1.4	0.2	1.8	1.1	0.1
Oct.	2.8	2.2	0.5	2.9	1.2	1.0	3.0	2.5	0.4	2.2	1.3	0.5	1.9	1.4	0.4	1.7	0.7	0.6	1.1	0.9	0.1	1.4	0.3	0.5
Nov.	2.4	1.6	0.7	2.8	1.1	1.0	2.4	1.8	0.5	2.2	1.1	0.8	1.4	0.9	0.4	1.2	0.6	0.3	0.9	0.8	0.1	1.5	0.4	0.7
Dec.	1.5	0.7	0.7	2.9	0.5	2.0	2.4	1.6	0.7	1.7	0.8	0.5	1.3	0.9	0.2	1.3	0.4	0.5	0.6	0.5	N	2.0	0.3	1.5

Year & Month	Rubber & Plastics						Leather Goods					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	5.0	3.9		4.8	2.7	0.9	7.5	6.3		7.9	5.7	1.3
1974	4.4	3.0		5.2	2.3	1.8	7.1	5.6		8.6	5.1	2.6
1975	3.7	1.1		4.9	0.9	3.1	6.8	5.1		7.0	3.5	2.6
1976	4.1	2.2	1.6	3.7	1.3	1.5	6.4	4.7	1.4	7.2	3.9	2.4
1977	3.5	2.3	1.0	3.6	1.4	1.3	6.6	4.9	1.3	6.8	4.1	1.8
1978	3.3	2.2	0.8	3.2	1.5	1.0	7.0	5.0	1.5	8.0	4.8	2.4
Dec.	1.9	1.3	0.5	2.3	1.0	1.0	4.5	2.7	1.5	7.0	3.5	2.7
1979												
Jan.	3.8	2.6	1.0	2.7	1.2	0.8	7.7	4.8	2.2	6.5	3.7	2.1
Feb.	3.0	2.0	0.8	2.7	1.2	0.9	4.4	3.4	0.5	5.4	3.2	1.5
Mar.	3.1	2.2	0.6	3.5	1.5	1.1	6.8	4.7	1.5	8.3	4.5	2.8
Apr.	3.8	2.2	1.4	3.4	1.2	1.4	6.7	4.9	1.5	8.2	4.7	2.5
May	4.8	3.2	1.2	3.2	1.5	0.8	7.9	5.8	1.5	8.2	5.4	1.4
Jun.	4.5	3.4	0.7	2.9	1.2	1.0	7.8	5.7	1.5	7.3	4.5	2.1
Jul.	3.1	2.0	0.8	3.2	1.4	1.0	5.5	4.0	1.0	9.9	4.5	4.9
Aug.	3.9	2.8	0.7	5.6	3.3	1.3	10.4	6.5	3.7	10.8	6.7	3.4
Sep.	3.5	2.4	0.6	4.4	2.3	1.2	6.2	4.6	1.1	8.0	6.0	1.3
Oct.	3.1	2.1	0.7	3.5	1.3	1.1	5.6	4.9	0.4	7.0	4.5	1.7
Nov.	2.5	1.3	0.9	2.8	1.0	1.2	4.5	3.6	0.6	6.7	3.2	3.0
Dec.	1.9	1.0	0.7	3.0	0.6	1.8	4.2	2.4	1.6	4.4	2.3	1.1

N = Negligible

TABLE 18. LABOR TURNOVER RATES IN PENNSYLVANIA
DURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	All Manufacturing						Durable Goods						Furniture & Fixtures						Stone, Clay & Glass					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	3.7	2.7		3.5	1.8	0.9	3.3	2.4		3.0	1.5	0.7	6.4	5.2		6.6	4.2	1.4	4.1	2.4		3.8	1.6	1.5
1974	3.4	2.2		3.9	1.6	1.6	2.9	1.9		3.2	1.2	1.3	5.0	3.5		7.0	2.9	3.0	3.6	2.0		4.6	1.4	2.5
1975	3.3	1.1		3.9	0.8	2.3	2.8	0.9		3.7	0.6	2.5	5.8	2.0		6.1	1.2	4.1	3.9	1.0		4.6	0.7	3.3
1976	3.3	1.5	1.5	3.5	0.9	1.9	2.9	1.0	1.6	3.1	0.6	1.8	5.1	2.8	2.0	5.2	1.8	2.5	3.7	1.3	2.3	3.5	0.7	2.2
1977	3.4	1.7	1.5	3.5	1.0	1.8	3.1	1.3	1.6	3.2	0.7	1.8	6.4	3.8	2.4	5.6	2.1	2.5	3.9	1.4	2.4	3.6	0.8	2.2
1978	3.0	1.8	0.9	2.9	1.2	1.1	2.6	1.5	0.9	2.4	0.8	0.9	4.8	4.0	0.6	4.7	2.7	1.0	2.7	1.6	1.0	2.8	0.9	1.2
Dec.	1.9	1.1	0.6	2.7	0.8	1.3	1.6	0.9	0.5	2.1	0.5	1.0	2.8	2.5	0.2	3.3	1.9	0.5	1.7	0.7	0.8	3.6	0.5	2.2
1979																								
Jan.	3.3	1.9	1.2	3.1	1.0	1.4	2.8	1.6	0.9	2.7	0.7	1.1	4.0	3.4	0.5	5.0	2.1	1.8	2.1	0.9	1.1	4.1	0.7	2.8
Feb.	2.6	1.6	0.9	2.5	0.9	0.9	2.4	1.4	0.8	2.3	0.7	1.5	3.7	2.3	1.5	4.2	1.6	1.5	2.6	0.8	1.6	2.4	0.5	1.2
Mar.	3.1	1.8	1.0	2.9	1.1	1.0	2.6	1.5	0.9	2.3	0.8	0.8	4.1	3.5	0.3	5.7	2.4	1.9	3.8	1.0	2.7	2.6	0.7	1.4
Apr.	2.9	1.7	0.9	2.8	1.1	1.0	2.5	1.5	0.8	2.3	0.8	0.6	4.2	3.1	0.6	6.0	2.0	2.9	3.8	1.7	2.0	2.4	0.7	1.2
May	3.6	2.3	1.0	2.8	1.2	0.9	3.2	2.0	0.9	2.2	0.9	0.6	7.8	4.3	3.3	6.9	2.2	3.2	3.8	2.3	1.3	1.9	0.8	0.6
Jun.	3.6	2.6	0.7	2.8	1.2	1.0	3.1	2.3	0.6	2.3	0.9	0.8	6.5	3.8	2.4	4.6	2.4	0.8	3.6	2.6	0.7	2.3	0.8	1.0
Jul.	3.2	1.8	1.1	3.3	1.1	1.6	2.7	1.6	0.9	2.7	0.8	1.2	6.6	3.5	3.0	7.5	2.0	4.5	2.7	1.7	0.9	2.4	0.8	1.1
Aug.	3.5	2.2	1.0	4.2	2.3	1.2	3.0	1.8	0.9	3.7	1.8	1.1	6.9	5.2	1.6	6.8	4.4	0.7	2.9	1.7	1.1	4.1	2.1	1.4
Sep.	3.1	2.1	0.7	3.5	1.6	1.2	2.5	1.6	0.6	3.0	1.2	1.0	5.3	4.9	0.3	6.0	3.1	1.4	2.7	1.3	1.3	3.0	1.3	1.1
Oct.	2.9	1.9	0.8	3.1	1.1	1.3	2.4	1.5	0.7	2.7	0.8	1.2	3.8	3.1	0.5	3.9	2.0	0.9	1.7	1.0	0.5	3.1	0.7	1.9
Nov.	2.3	1.3	0.8	3.0	0.8	1.6	1.8	0.9	0.6	2.7	0.6	1.6	2.8	2.1	0.6	4.4	1.4	2.2	2.0	0.7	1.1	2.2	0.5	1.3
Dec.	1.9	0.9	0.9	3.1	0.6	2.0	1.7	0.7	0.8	3.1	0.4	2.1	2.6	1.4	1.0	3.7	1.1	1.8	1.4	0.3	0.9	3.4	0.3	2.6

Year & Month	Primary Metals						Fabricated Metals						Machinery except Electrical						Electric & Electronic Equipment					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	2.4	1.8		2.1	1.0	0.4	4.0	2.9		3.8	1.7	1.2	2.8	2.3		2.1	1.2	0.3	3.2	2.4		3.0	1.5	0.6
1974	2.3	1.5		2.3	0.9	0.8	3.7	2.4		4.1	1.4	1.8	2.6	2.1		2.3	1.2	0.4	2.2	1.4		2.9	1.1	1.1
1975	3.0	0.5		4.3	0.3	3.3	2.8	1.1		3.8	0.6	2.5	1.7	0.9		2.7	0.6	1.5	1.6	0.4		2.8	0.4	1.8
1976	3.3	0.6	2.4	3.3	0.4	2.2	2.7	1.1	1.5	3.5	0.6	2.2	2.4	0.9	1.4	2.8	0.6	1.7	2.1	1.0	0.7	2.2	0.6	0.9
1977	2.9	0.8	1.8	3.2	0.4	2.0	3.3	1.3	1.8	3.4	0.7	2.1	3.2	1.0	2.0	3.5	0.6	2.3	2.5	1.2	0.8	2.6	0.7	1.2
1978	2.5	1.1	1.2	2.4	0.5	1.1	3.1	1.6	1.2	3.0	0.9	1.3	2.1	1.4	0.5	1.6	0.7	0.4	2.3	1.3	0.7	2.3	0.8	0.8
Dec.	1.6	0.5	0.8	1.9	0.3	1.0	1.9	1.0	0.7	2.3	0.6	1.2	1.4	1.1	0.2	1.4	0.6	0.4	1.6	0.8	0.5	1.7	0.5	0.6
1979																								
Jan.	3.0	1.3	1.4	2.4	0.4	1.0	3.4	1.9	1.2	3.2	0.8	1.6	2.2	1.6	0.3	1.6	0.8	0.3	2.5	1.4	0.7	2.4	0.7	0.9
Feb.	2.3	1.3	0.8	1.8	0.4	0.5	2.6	1.7	0.7	2.7	0.7	1.3	1.7	1.4	0.2	1.3	0.6	0.2	2.2	1.2	0.6	2.2	0.7	0.8
Mar.	1.9	1.2	0.5	1.8	0.4	0.6	3.0	1.8	1.1	2.5	0.8	1.0	1.8	1.4	0.2	1.7	0.8	0.3	2.4	1.4	0.7	2.4	0.8	0.8
Apr.	2.0	1.1	0.7	1.9	0.4	0.7	2.8	1.8	0.9	3.1	0.9	1.6	1.6	1.2	0.2	1.3	0.7	0.2	2.5	1.4	0.7	2.3	0.8	0.5
May	3.3	1.8	1.1	1.6	0.5	0.4	3.8	2.4	1.1	2.5	1.1	0.7	1.9	1.6	0.2	1.5	0.8	0.2	2.9	1.8	0.6	2.4	1.0	0.6
Jun.	2.6	2.0	0.3	1.4	0.5	0.2	3.7	2.5	1.0	3.5	1.0	1.7	2.4	2.1	0.2	1.9	0.9	0.5	2.9	2.1	0.5	1.7	0.8	0.3
Jul.	2.2	1.4	0.6	2.3	0.5	0.8	3.3	1.9	1.1	3.3	0.9	1.7	2.0	1.3	0.5	1.9	0.7	0.7	2.9	1.6	1.0	2.8	0.8	1.5
Aug.	2.0	1.2	0.5	3.4	1.7	0.8	4.7	2.4	1.9	4.6	2.0	1.9	2.3	1.5	0.6	2.3	1.3	0.4	3.0	2.1	0.5	3.9	2.0	1.0
Sep.	1.7	1.0	0.5	3.4	1.0	1.6	3.3	2.3	0.7	3.0	1.2	1.1	1.8	1.5	0.2	2.0	0.9	0.5	2.4	1.5	0.4	2.3	1.2	0.4
Oct.	2.1	0.9	0.9	2.8	0.5	1.6	3.2	2.1	1.1	3.1	0.9	1.4	1.7	1.4	0.2	1.5	0.7	0.4	1.9	1.2	0.3	2.2	0.7	0.8
Nov.	1.7	0.7	0.9	2.3	0.3	1.4	2.4	1.4	0.9	2.7	0.6	1.5	1.4	1.1	0.2	1.3	0.6	0.4	1.5	0.9	0.2	1.9	0.5	0.8
Dec.	1.9	0.4	1.3	3.9	0.3	3.1	1.9	0.9	0.9	3.9	0.5	2.8	1.1	0.8	0.2	1.1	0.4	0.3	1.6	0.7	0.6	1.9	0.5	0.8

Year & Month	Transportation Equipment						Instruments & Related						Miscellaneous Manufacturing					
	Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1973	4.4	2.6		3.8	1.4	1.2	2.9	2.4		2.8	1.6	0.5	3.6	2.7		3.5	2.0	0.9
1974	4.2	2.2		4.2	1.1	2.0	2.9	2.4		2.8	1.4	0.7	3.8	2.6		4.8	1.8	2.3
1975	3.5	1.3		3.9	0.6	2.2	1.9	1.1		2.2	0.6	1.0	3.2	1.0		3.3	0.7	2.1
1976	3.2	1.1	1.6	3.5	0.5	2.0	2.1	1.4	0.5	1.8	0.7	0.6	2.6	1.5	0.9	2.7	0.8	1.2
1977	3.0	1.6	1.1	2.8	0.6	1.4	2.1	1.6	0.3	1.7	0.8	0.4	2.7	1.5	1.1	2.7	0.8	1.3
1978	3.0	1.5	1.0	2.5	0.7	1.0	2.0	1.6	0.2	1.7	0.9	0.3	2.9	1.9	0.9	2.9	1.0	1.2
Dec.	1.6	0.8	0.3	2.0	0.3	1.0	1.1	0.9	0.1	1.2	0.6	0.1	1.7	0.6	1.0	5.5	0.8	4.1
1979																		
Jan.	2.9	1.7	0.8	2.8	0.8	0.9	2.3	2.1	0.1	1.6	0.7	0.2	4.1	2.4	1.6	3.8	0.7	2.2
Feb.	2.0	1.3	0.4	2.9	0.5	1.4	2.6	2.4	0.1	2.5	1.1	0.3	3.2	1.6	1.4	2.3	0.8	0.6
Mar.	2.7	1.6	0.7	2.8	0.9	1.0	2.2	1.9	0.1	1.4	0.9	0.2	3.6	2.3	1.3	2.7	0.9	0.7
Apr.	3.1	1.4	1.3	2.9	0.7	1.1	2.0	1.4	0.5	1.7	0.9	0.3	3.3	1.6	1.6	3.0	0.9	1.1
May	3.1	1.5	1.2	2.5	0.6	0.9	2.7	1.9	0.6	2.0	0.9	0.5	3.5	2.3	1.0	2.2	1.1	0.3
Jun.	2.7	1.7	0.6	3.8	0.6	1.9	2.9	2.3	0.4	2.0	1.0	0.4	6.0	4.4	1.4	2.4	1.4	0.5
Jul.	3.2	1.4	1.2	3.0	0.6	1.4	1.5	1.2	0.1	2.1	0.8	0.8	3.3	1.5	1.7	4.1	1.4	2.2
Aug.	3.1	1.4	1.2	3.4	1.1	1.4	1.9	1.2	0.5	2.6	1.5	0.3	4.8	3.4	1.3	6.2	3.7	1.9
Sep.	3.1	1.7	1.0	3.1	1.0	1.2	1.5	1.2	0.2	3.0	1.1	1.0	4.0	3.2	0.6	3.8	2.0	1.0
Oct.	3.3	2.0	0.7	3.4	0.9	1.3	1.4	1.2	0.1	1.6	0.8	0.4	4.0	2.4	1.5	3.2	1.8	0.5
Nov.	2.2	0.7	1.1	6.2	0.6	4.7	1.5	1.0	0.4	1.4	0.6	0.4	1.6	1.1	0.4	6.6	1.5	4.5
Dec.	2.1	0.4	1.2	4.7	0.3	3.6	1.2	0.8	0.3	0.9	0.4	0.1	1.3	0.6	0.7	4.8	0.7	3.8

N = Negligible

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

MARCH 1980

Vol. XXV No. 3

JOB
SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY BUREAU OF EMPLOYMENT SECURITY
In cooperation with the United States Bureau of Labor Statistics
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- EXPLANATORY -

INDUSTRY EMPLOYMENT

Employment data, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives."

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing to:
PENNSYLVANIA BUREAU OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING-ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 - 787-3129

Issued: March 1980 Reference: Mid-February

PENNSYLVANIA EMPLOYMENT & EARNINGS
FEBRUARY 1980

Total unemployment in Pennsylvania, adjusted for seasonal influences, declined moderately in February while unadjusted unemployment remained unchanged.

Seasonally adjusted, the volume of unemployment was estimated at 370,000 in February down 15,000 from January. The rate of unemployment was 6.8 percent in February, down from 7.2 percent in January. This was the first month since July 1979 that the seasonally adjusted rate fell below 7.0 percent. However, with uncertainties in the economy, the improvement may be only temporary. Unemployment had been climbing gradually since the end of 1978. Last February, seasonally adjusted unemployment was 342,000 and the rate was 6.5 percent.

The unadjusted volume of unemployment rose only 5,000 from January to February's level of 419,000. This was insufficient to change the unadjusted rate of unemployment from January's 7.8 percent. Normally, unfavorable weather conditions help push February unemployment to its highest level of the year.

Although little change was evident in unadjusted unemployment, some shifts were apparent. While unemployment dropped for males and older workers, unemployment rose for females and youth.

Nationwide, the February seasonally adjusted rate was 6.0 percent of the total civilian labor force, down from 6.2 percent in January. The unadjusted rate was 6.8 percent in February, unchanged from January.

FACTORY CUTBACKS IN EVIDENCE

Factory production cooled a bit in February. Employment dropped 4,400 and the average workweek slipped a tenth-of-an-hour. While the trim was a moderate one, it marked the fifth consecutive monthly decline in jobs - a loss of more than 28,000 since mid-September. It was, also, the shortest workweek in two years.

During February, durable industries bore the brunt of the downturn, chiefly among ELECTRICAL MACHINERY, TRANSPORTATION EQUIPMENT and PRIMARY METALS industries where collectively 4,500 jobs were eliminated. Concomitantly, these three industries accounted for a loss of nearly 205,000 production hours - sixty-four percent of the overall manufacturing slice.

Nondurables fared somewhat better, netting an extra one hundred jobs. APPAREL made the best showing in this group with a plus 2,300. This offset the diminished job demands in FOOD, PETROLEUM and RUBBER. To compound the prevailing economic woes, the RUBBER industry in Pennsylvania is feeling the effects of the gradual shutdown of two major tire manufacturers in the Delaware Valley Area. RUBBER along with FOOD, also, reported a cutback in working time.

Over the year, factory jobs slackened off. Down 6,000 from February 1979, nondurables carried the loss entirely as durables managed, though barely, to stay abreast of its previous year's level. APPAREL, TRANSPORATION EQUIPMENT and PRIMARY METALS reflected the greatest lags while NONELECTRICAL MACHINERY boasted the greatest gain.

Although, overall, production hours lessened by only six minutes in February, the 39.1 average production workweek was the lowest since February 1978. Only FURNITURE and APPAREL showed any real gains in terms of jobs and hours. The PETROLEUM industry clocked an additional 8.1 in average production time this month but this reflected a settled labor-management dispute rather than improved business conditions.

FACTORY EARNINGS SHOW LITTLE CHANGE

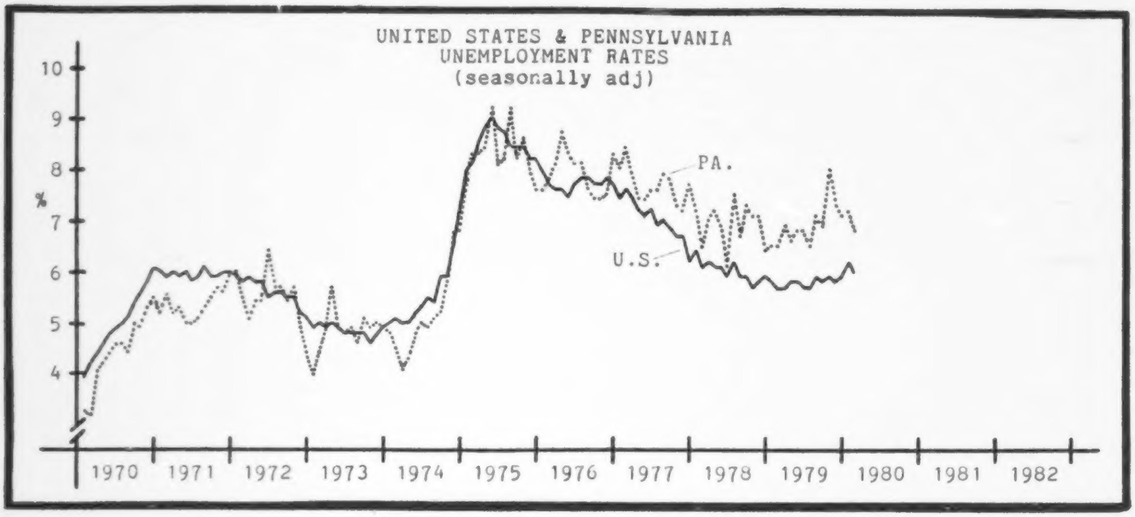
Manufacturing average hourly earnings during February were $7.30, an increase of two cents over the month. Except for the PETROLEUM industry where wage rate increases were reported, hourly gains in all industries were minimal, reflecting only varying amounts of overtime or incentive earnings.

At the national level hourly earnings averaged $6.98 for a 39.7 hour week.

NONMANUFACTURING JOB TRENDS TYPICALLY SEASONAL

Despite the growing uneasiness over the present economic situation, the nonmanufacturing job drop, 22,500, did not appear to be unseemly. RETAIL TRADE and CONSTRUCTION took their usual late winter plunge - down 16,400 and 11,800 jobs respectively. SERVICES gained 6,300. Other gains or losses were negligible. The trends in all divisions appeared to be comparable, for the most part, with those of recent years.

Over the year comparisons were favorable. Up nearly 64,000 from last February, SERVICES carried 84 percent of the increase in nonmanufacturing. CONSTRUCTION, WHOLESALE TRADE and FINANCE, INSURANCE AND REAL ESTATE were also on the plus side. All other industries showed falloffs.



EMPLOYMENT DATA IN THIS PUBLICATION HAVE BEEN REVISED TO FIRST QUARTER 1979 BENCHMARKS, AND ARE THEREFORE, NOT STRICTLY COMPARABLE WITH FIGURES PUBLISHED PRIOR TO JANUARY 1978. DATA ARE BASED ON INDUSTRY CLASSIFICATION IN ACCORDANCE WITH THE REVISED 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL.

On all tables data for most recent month are preliminary and subject to revision.

ADDITIONAL NOTATION ON PAGE 13

Table 1. Resident Employment, Unemployment and Unemployed Rate (Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1962	4,474.2	4,110.5	363.7	8.1		70,614.0	66,702.0	3,911.0	5.5	
1963	4,422.9	4,090.0	332.9	7.5		71,833.0	67,762.0	4,070.0	5.7	
1964	4,430.9	4,155.2	275.7	6.2		73,091.0	69,305.0	3,786.0	5.2	
1965	4,469.3	4,263.4	205.9	4.6		74,455.0	71,088.0	3,366.0	4.5	
1966	4,558.3	4,395.0	163.3	3.6		75,770.0	72,895.0	2,875.0	3.8	
1967	4,637.0	4,467.0	170.0	3.7		77,347.0	74,372.0	2,975.0	3.8	
1968	4,634.0	4,475.0	159.0	3.4		78,737.0	75,920.0	2,817.0	3.6	
1969	4,720.0	4,566.0	154.0	3.3		80,734.0	77,902.0	2,832.0	3.5	
1970	4,828.0	4,610.0	218.0	4.5		82,715.0	78,627.0	4,088.0	4.9	
1971	4,801.0	4,542.0	260.0	5.4		84,113.0	79,120.0	4,993.0	5.9	
1972	4,870.0	4,607.0	264.0	5.4		86,542.0	81,702.0	4,840.0	5.6	
1973	4,988.0	4,747.0	241.0	4.8		88,714.0	84,409.0	4,304.0	4.9	
1974	5,036.0	4,778.0	258.0	5.1		91,011.0	85,935.0	5,076.0	5.6	
1975	5,068.0	4,646.0	421.0	8.3		92,613.0	84,783.0	7,830.0	8.5	
1976	5,094.0	4,690.0	404.0	7.9		94,773.0	87,485.0	7,288.0	7.7	
1977	5,165.0	4,767.0	398.0	7.7		97,401.0	90,546.0	6,855.0	7.0	
1978	5,255.0	4,891.0	364.0	6.9		100,420.0	94,373.0	6,047.0	6.0	
1979	5,296.0	4,930.0	366.0	6.9		102,908.0	96,945.0	5,963.0	5.8	
1979 Feb.	5,236.0	4,842.0	394.0	7.5	6.2	101,249.0	94,765.0	6,484.0	6.4	5.7
Mar.	5,271.0	4,860.0	411.0	7.8	6.9	101,665.0	95,501.0	6,165.0	6.1	5.7
Apr.	5,179.0	4,860.0	320.0	6.2	6.3	101,236.0	95,675.0	5,561.0	5.5	5.8
May	5,209.0	4,915.0	294.0	5.6	6.6	101,473.0	96,220.0	5,253.0	5.2	5.8
Jun.	5,333.0	4,950.0	383.0	7.2	6.6	104,153.0	97,917.0	6,235.0	6.0	5.7
Jul.	5,387.0	5,047.0	340.0	6.3	6.3	104,995.0	98,891.0	6,104.0	5.8	5.7
Aug.	5,339.0	4,967.0	372.0	7.0	7.3	104,363.0	98,226.0	6,137.0	5.9	5.9
Sep.	5,290.0	4,933.0	356.0	6.7	7.1	103,373.0	97,576.0	5,798.0	5.6	5.8
Oct.	5,348.0	4,923.0	425.0	7.9	8.3	103,939.0	98,158.0	5,781.0	5.6	5.9
Nov.	5,359.0	4,990.0	368.0	6.9	7.5	103,719.0	97,943.0	5,776.0	5.6	5.8
Dec.	5,331.0	4,978.0	354.0	6.6	7.3	103,884.0	98,047.0	5,836.0	5.6	5.9
1980 Jan.	5,332.0	4,918.0	414.0	7.8	7.2	103,188.0	96,145.0	7,043.0	6.8	6.2
Feb.	5,363.0	4,944.0	419.0	7.8	6.8	103,257.0	96,264.0	6,993.0	6.8	6.0

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TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From--	
	Feb. 1980	Jan. 1980	Feb. 1979	Jan. 1980	Feb. 1979
TOTAL CIVILIAN LABOR FORCE	5,363.0	5,332.0	5,236.0	31.0	127.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	419.0	414.0	394.0	5.0	25.0
% CIVILIAN LABOR FORCE	7.8	7.8	7.5	0.0	0.3
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	370.0	385.0	342.0	-15.0	28.0
% CIVILIAN LABOR FORCE	6.8	7.2	6.5	-0.4	0.3
TOTAL EMPLOYMENT	4,944.0	4,918.0	4,842.0	26.0	102.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From--	
	Feb. 1980	Jan. 1980	Feb. 1979	Jan. 1980	Feb. 1979
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,758.0	4,784.1	4,699.3	-26.1	58.7
LABOR-MANAGEMENT DISPUTES	5.8	5.0	4.8	0.8	1.0
ALL MANUFACTURING INDUSTRIES	1,369.9	1,374.3	1,375.9	-4.4	-6.0
TOTAL NONMANUFACTURING INDUSTRIES	3,382.3	3,404.8	3,318.6	-22.5	63.7
Mining	50.3	50.7	51.6	-0.4	-1.3
Anthracite	3.2	3.1	3.1	0.1	0.1
Bituminous	38.5	39.1	40.9	-0.6	-2.4
Nonmetallic minerals	4.3	4.4	3.9	-0.1	0.4
Contract Construction	178.7	190.5	161.5	-11.8	17.2
General building	51.5	54.9	47.5	-3.4	4.0
Heavy construction	21.3	24.2	26.5	-2.9	-5.2
Special trades	105.9	111.4	87.5	-5.5	18.4
Transportation	162.5	163.3	167.3	-0.8	-4.8
Railroads	42.1	42.1	43.3	0.0	-1.2
Public Utilities	104.1	103.8	102.3	0.3	1.8
Communications	54.8	54.6	53.7	0.2	1.1
Electric, gas & sanitary service	49.3	49.2	48.6	0.1	0.7
Electric systems	23.5	23.4	23.2	0.1	0.3
Gas production	11.6	11.6	11.3	0.0	0.3
Wholesale trade	239.7	240.3	232.8	-0.6	6.9
Retail trade	722.2	738.6	729.5	-16.4	-7.3
General merchandise stores	117.9	125.6	121.8	-7.7	-3.9
Department stores	103.7	111.2	107.1	-7.5	-3.4
Finance, insurance & real estate	238.2	237.7	229.9	0.5	8.3
Banking	79.0	78.5	75.8	0.5	3.2
Commercial & stock savings	72.7	72.3	70.0	0.4	2.7
Credit agencies & securities	30.0	29.7	29.2	0.3	0.8
Insurance	70.2	70.3	68.7	-0.1	1.5
Life insurance	26.3	26.3	26.0	0.0	0.3
Fire, marine & casualty	29.4	29.4	28.7	0.0	0.7
Services	969.7	963.4	916.4	6.3	53.3
Business services	128.1	127.6	118.6	0.5	9.5
Health services	306.0	305.2	298.1	0.8	7.9
Nursing & personal care	50.7	50.6	47.9	0.1	2.8
Hospitals	187.5	186.8	181.9	0.7	5.6
Educational service	149.9	142.7	125.5	7.2	24.4
Miscellaneous services	46.2	46.2	44.1	0.0	2.1
Engineering & architectural	28.9	29.0	27.6	-0.1	1.3
Government	716.9	716.5	727.3	0.4	-10.4
Federal	131.3	131.9	129.8	-0.6	1.5
State & local	585.6	584.6	597.5	1.0	-11.9

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS

(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manufacturing	Total Non-Manufacturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.0	3,853.8	1,341.5	3,223.5	48.0	183.9	939.0	221.7	717.2
1978	4,724.6	3,999.7	1,369.2	3,355.4	46.8	199.0	983.7	230.8	752.9
1979	4,830.6	4,107.9	1,389.8	3,440.8	52.0	205.8	990.0	238.1	751.9
1979 Feb.	4,694.5	3,967.2	1,375.9	3,318.6	51.6	161.5	962.3	232.8	729.5
Mar.	4,749.6	4,016.4	1,381.9	3,367.7	51.9	177.2	970.2	235.1	735.1
Apr.	4,819.4	4,082.9	1,389.5	3,429.9	52.2	197.9	987.4	237.1	750.3
May	4,863.0	4,122.0	1,392.2	3,470.8	52.1	209.8	996.3	237.8	758.5
Jun.	4,911.3	4,175.5	1,409.8	3,501.5	52.7	218.3	1,001.8	240.6	761.2
Jul.	4,852.6	4,142.8	1,397.1	3,455.5	52.3	226.8	987.8	241.1	746.7
Aug.	4,845.7	4,137.7	1,390.4	3,455.3	51.9	227.1	986.6	240.6	746.0
Sep.	4,855.9	4,157.7	1,398.0	3,457.9	52.5	225.6	989.5	237.5	752.0
Oct.	4,896.8	4,182.8	1,394.6	3,502.2	51.4	225.1	1,002.7	240.0	762.7
Nov.	4,855.5	4,128.2	1,390.2	3,465.3	51.9	220.0	1,006.8	240.8	766.0
Dec.	4,882.5	4,154.3	1,383.7	3,498.8	51.1	209.7	1,012.9	240.6	772.3
1980 Jan.	4,779.1	4,062.6	1,374.3	3,404.8	50.7	190.5	978.9	240.3	738.6
Feb.	4,752.2	4,035.3	1,369.9	3,382.3	50.3	178.7	961.9	239.7	722.2

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.4	137.6	513.8
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.2	136.4	521.8
1974	161.1	104.4	207.3	773.6	154.9	618.7	681.5	136.6	544.9
1975	154.0	102.5	207.3	798.5	159.8	638.7	720.9	134.4	586.5
1976	155.4	101.1	211.4	839.7	165.5	674.2	721.6	131.8	589.8
1977	160.7	100.7	217.5	862.4	171.1	691.3	711.2	128.1	583.0
1978	165.7	101.5	226.6	907.2	177.9	729.3	724.9	129.5	595.4
1979	169.5	103.5	235.4	961.8	184.6	777.2	722.7	131.6	591.2
1979 Feb.	167.3	102.3	229.9	916.4	181.9	734.5	727.3	129.8	597.5
Mar.	169.9	102.4	231.4	931.5	182.3	749.2	733.2	130.2	603.0
Apr.	169.3	102.5	232.7	951.4	182.9	768.5	736.5	130.8	605.7
May	172.5	102.9	234.7	961.5	183.1	778.4	741.0	131.2	609.8
Jun.	173.2	104.2	238.4	977.1	185.9	791.2	735.8	132.9	602.9
Jul.	166.3	105.0	239.5	968.0	186.7	781.3	709.8	133.5	576.3
Aug.	166.1	105.0	239.4	971.2	186.0	785.2	708.0	132.6	575.4
Sep.	170.9	104.0	236.9	980.3	185.6	794.7	698.2	131.4	566.8
Oct.	172.3	103.9	237.1	995.7	185.9	809.8	714.0	131.1	582.9
Nov.	171.3	104.0	237.7	946.9	186.4	760.5	726.7	132.1	594.6
Dec.	168.5	104.0	237.9	986.5	186.2	800.3	728.2	132.8	595.4
1980 Jan.	163.3	103.8	237.7	963.4	186.8	776.6	716.5	131.9	584.6
Feb.	162.5	104.1	238.2	969.7	187.5	782.2	716.9	131.3	585.6

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

JANUARY 1980

Industry	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979
All Manufacturing	1,374.3	3.2	1.9	3.3	1.5	0.9	1.9	1.4	0.9	1.2
Durable Goods	846.9	2.9	1.6	2.8	1.2	0.7	1.6	1.4	0.8	0.9
Furniture & Fixtures	20.3	3.5	2.5	4.0	2.1	1.4	3.4	1.3	1.0	0.5
Stone, Clay & Glass Products	62.7	2.7	1.4	2.1	0.6	0.4	0.9	1.9	0.9	1.1
Primary Metal Industries	198.7	2.6	1.9	3.0	0.7	0.4	1.3	1.6	1.2	1.4
Fabricated Metal Products	115.9	3.9	2.0	3.4	1.4	0.9	1.9	2.2	0.9	1.2
Machinery, exc. Electrical	146.7	1.9	1.2	2.2	1.5	0.8	1.6	0.3	0.2	0.3
Electric & Electronic Equip.	129.2	2.7	1.5	2.5	1.3	0.7	1.4	0.8	0.5	0.7
Transportation Equipment	83.3	3.6	1.7	2.9	1.7	0.4	1.7	1.5	0.9	0.8
Instruments & Related Products	43.1	1.8	1.1	2.3	1.3	0.7	2.1	0.4	0.3	0.1
Miscellaneous Manufacturing	24.7	2.0	1.2	4.1	1.2	0.6	2.4	0.7	0.6	1.6
Nondurable Goods	527.4	3.7	2.4	4.0	2.0	1.2	2.2	1.5	1.0	1.6
Food & Kindred Products	99.3	2.6	3.1	3.6	1.4	1.6	2.0	1.1	1.3	1.4
Textile Mill Products	46.7	3.7	1.9	4.1	2.6	1.3	3.2	1.0	0.4	0.7
Apparel & Related Products	123.7	6.0	3.1	6.7	2.8	1.0	2.6	3.0	1.8	3.8
Paper & Allied Products	43.7	2.7	1.6	2.5	1.1	0.9	1.2	1.4	0.6	1.1
Printing & Publishing	73.3	2.7	2.5	2.8	1.9	1.5	2.2	0.8	0.9	0.6
Chemicals & Allied Products	61.0	1.8	1.3	1.6	1.3	0.9	1.2	0.4	0.2	0.3
Petroleum & Coal Products	16.8	1.1	0.7	1.0	0.8	0.6	0.7	0.1	N	0.2
Rubber & Plastics Products	41.9	4.5	1.8	3.8	2.6	1.0	2.6	1.8	0.7	1.0
Leather & Leather Products	17.7	7.4	4.3	7.7	5.2	2.2	4.8	1.8	1.8	2.2

Industry	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979
All Manufacturing	1,374.3	3.4	3.1	3.1	0.9	0.6	1.0	1.7	2.0	1.4
Durable Goods	846.9	3.2	3.0	2.7	0.6	0.4	0.7	1.8	2.0	1.1
Furniture & Fixtures	20.3	5.3	3.6	5.0	1.2	1.1	2.1	3.3	1.8	1.8
Stone, Clay & Glass Products	62.7	4.0	3.9	4.1	0.5	0.3	0.7	2.9	3.2	2.8
Primary Metal Industries	198.7	2.9	3.7	2.4	0.4	0.3	0.4	1.7	2.9	1.0
Fabricated Metal Products	115.9	4.2	3.9	3.2	0.6	0.5	0.8	2.9	2.8	1.6
Machinery, exc. Electrical	146.7	1.6	1.1	1.6	0.7	0.4	0.8	0.5	0.3	0.3
Electric & Electronic Equip.	129.2	2.6	1.8	2.4	0.8	0.5	0.7	1.0	0.8	0.9
Transportation Equipment	83.3	3.8	3.0	2.8	0.6	0.3	0.8	1.8	2.2	0.9
Instruments & Related Products	43.1	2.0	1.0	1.6	0.6	0.5	0.7	0.5	0.1	0.2
Miscellaneous Manufacturing	24.7	4.8	5.4	3.8	1.2	0.7	0.7	2.9	4.4	2.2
Nondurable Goods	527.4	3.6	3.3	3.9	1.4	0.9	1.5	1.6	1.9	1.7
Food & Kindred Products	99.3	4.4	3.8	5.2	1.4	1.2	1.6	2.4	1.9	3.0
Textile Mill Products	46.7	3.9	3.3	4.3	1.9	1.2	2.5	1.4	1.5	1.2
Apparel & Related Products	123.7	4.8	5.3	4.9	1.7	0.9	1.5	2.4	3.8	2.3
Paper & Allied Products	43.7	3.1	2.6	3.4	0.8	0.7	0.9	1.5	1.5	1.8
Printing & Publishing	73.3	2.2	1.7	2.9	1.0	0.8	1.2	0.8	0.5	1.1
Chemicals & Allied Products	61.0	1.9	1.2	1.7	0.6	0.4	0.6	0.5	0.5	0.5
Petroleum & Coal Products	16.8	1.2	1.5	1.1	0.4	0.3	0.3	0.4	1.1	0.5
Rubber & Plastics Products	41.9	3.9	3.0	2.7	1.9	0.6	1.2	1.4	1.7	0.8
Leather & Leather Products	17.7	6.1	5.6	6.5	3.5	2.4	3.7	1.8	2.3	2.1

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Feb. 1980	Jan. 1980	Feb. 1979	Jan. 1980	Feb. 1979
	TOTAL MANUFACTURING INDUSTRIES	1,369.9	1,374.3	1,375.9	-4.4	-6.0
	TOTAL DURABLE GOODS	842.4	846.9	841.5	-4.5	0.9
24	Lumber & wood products	22.7	22.3	21.4	0.4	1.3
243	Millwork, plywood & structural	7.1	7.1	7.2	0.0	-0.1
	Other lumber & wood products	15.6	15.2	14.2	0.4	1.4
25	Furniture & fixtures	19.8	20.3	20.6	-0.5	-0.8
251	Household furniture	9.4	9.7	9.7	-0.3	-0.3
252	Office furniture	4.7	4.8	5.1	-0.1	-0.4
	Other furniture & fixtures	5.7	5.8	5.8	-0.1	-0.1
32	Stone, clay & glass products	62.9	62.7	62.6	0.2	0.3
322	Glass & glassware, pressed or blown	16.5	16.2	16.6	0.3	-0.1
3221	Glass containers	8.6	8.4	9.1	0.2	-0.5
3229	Other pressed or blown glass	7.9	7.8	7.5	0.1	0.4
324	Hydraulic cement	3.1	3.2	3.5	-0.1	-0.4
325	Structural clay products	6.4	6.5	6.5	-0.1	-0.1
326	Pottery & related products	5.1	5.2	5.1	-0.1	0.0
327	Concrete, gypsum & plaster products	8.4	8.5	7.6	-0.1	0.8
	Other stone, clay & glass products	23.4	23.1	23.3	0.3	0.1
33	Primary metal industries	197.6	198.7	200.8	-1.1	-3.2
331	Blast furnace & basic steel products	147.5	148.5	149.6	-1.0	-2.1
3312	Blast furnaces & steel mills	134.4	135.4	136.7	-1.0	-2.3
	Other basic steel products	13.1	13.1	12.9	0.0	0.2
332	Iron & steel foundries	20.6	20.5	20.6	0.1	0.0
3321	Gray iron foundries	8.0	8.0	8.1	0.0	-0.1
3325	Steel foundries, n.e.c.	7.6	7.5	7.4	0.1	0.2
3322,4	Malleable iron & steel invest.	5.0	5.0	5.1	0.0	-0.1
335	Nonferrous rolling & drawing	12.9	13.1	12.9	-0.2	0.0
336	Nonferrous foundries	7.7	7.7	7.7	0.0	0.0
	Other primary metal products	8.9	8.9	10.0	0.0	-1.1
34	Fabricated metal products,(incl. ordnance)	115.7	115.9	115.6	-0.2	0.1
341	Metal cans & shipping containers	5.0	4.9	5.1	0.1	-0.1
342	Cutlery, hand tools & hardware	7.7	7.8	7.8	-0.1	-0.1
343	Plumbing & heating exc. electrical	3.4	3.7	3.6	-0.3	-0.2
344	Fabricated structural metal products	36.7	36.9	36.0	-0.2	0.7
3441	Fabricated structural metal	9.1	9.5	9.0	-0.4	0.1
3443	Fabricated plate work (boiler shops)	11.3	11.3	11.3	0.0	0.0
	Other fabricated struct. metal products	16.3	16.1	15.7	0.2	0.6
345	Screw machine products, bolts, etc.	9.2	9.2	8.9	0.0	0.3
346	Metal forgings & stampings	21.1	20.6	21.5	0.5	-0.4
3462	Iron & steel forgings	6.6	6.6	6.4	0.0	0.2
	Other metal forgings & stampings	14.5	14.0	15.1	0.5	-0.6
347,8	Metal services & ordnance, n.e.c.	8.1	8.1	8.2	0.0	-0.1
349	Misc. fabricated metal products	24.5	24.7	24.5	-0.2	0.0
3494	Valves & pipe fittings	11.1	11.0	10.8	0.1	0.3
	Other misc. fabricated metal products	13.4	13.7	13.7	-0.3	-0.3
35	Machinery, exc. electrical	146.8	146.7	140.7	0.1	6.1
351	Engines & turbines	7.3	7.2	7.6	0.1	-0.3
352	Farm & garden machinery	4.7	4.7	4.4	0.0	0.3
353	Construction & related machinery	26.0	26.1	25.7	-0.1	0.3
3531	Construction machinery	9.3	9.5	9.6	-0.2	-0.3
3535	Conveyors & conveying equipment	3.4	3.4	3.6	0.0	-0.2
	Other construction & related machinery	13.3	13.2	12.5	0.1	0.8
354	Metal working machinery	24.7	24.6	22.2	0.1	2.5
355	Special industry machinery	13.7	13.7	13.0	0.0	0.7
356	General industrial machinery	30.1	30.0	29.5	0.1	0.6
3561	Pumps & pumping equipment	4.1	4.0	3.9	0.1	0.2
3562	Ball & roller bearings	4.4	4.4	4.4	0.0	0.0
3563	Air & gas compressors	5.4	5.4	5.4	0.0	0.0
3567	Industrial furnaces & ovens	4.1	4.2	4.0	-0.1	0.1
	Other general industrial machinery	12.1	12.0	11.8	0.1	0.3

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(cont.)

Industry Detail

(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Feb. 1980	Jan. 1980	Feb. 1979	Jan. 1980	Feb. 1979
357	Office and computing machines	12.9	12.9	12.4	0.0	0.5
358	Refrigeration & service industry machinery	12.0	12.2	11.7	-0.2	0.3
359	Misc. machinery, exc. electrical	15.4	15.3	14.2	0.1	1.2
36	Electric & electronic equipment	127.1	129.2	125.7	-2.1	1.4
361	Electric distributing equipment	18.7	19.2	20.5	-0.5	-1.8
3612	Transformers	6.4	6.4	6.4	0.0	0.0
3613	Switchgear & switchboard apparatus	12.3	12.8	14.1	-0.5	-1.8
362	Electrical industrial apparatus	24.1	23.9	23.9	0.2	0.2
363	Household appliances	4.6	4.6	4.8	0.0	-0.2
364	Electric lighting & wiring equipment	22.4	23.0	22.1	-0.6	0.3
3643	Current-carrying wiring devices	11.0	11.5	11.1	-0.5	-0.1
	Other electric light & wiring equipment	11.4	11.5	11.0	-0.1	0.3
366	Communication equipment	9.0	9.4	8.6	-0.4	0.4
367	Electronic components & accessories	37.4	37.3	34.7	0.1	2.7
3674	Semiconductors & related devices	12.8	12.6	11.0	0.2	1.8
	Other electronic components & accessories	24.6	24.7	23.7	-0.1	0.9
	Other electrical equipment & supplies	10.9	11.8	11.1	-0.9	-0.2
37	Transportation equipment	82.0	83.3	85.8	-1.3	-3.8
371	Motor vehicles & equipment	24.9	25.9	32.2	-1.0	-7.3
3714	Motor vehicle parts & accessories	11.1	12.0	12.7	-0.9	-1.6
	Other motor vehicles & equipment	13.8	13.9	19.5	-0.1	-5.7
372	Aircraft & parts	12.2	12.2	11.5	0.0	0.7
373	Ship & boat building & repairing	7.8	8.1	7.6	-0.3	0.2
374	Railroad equipment	24.1	24.4	23.3	-0.3	0.8
	Other transportation equipment	13.0	12.7	11.2	0.3	1.8
38	Instruments & related products	43.1	43.1	42.3	0.0	0.8
382	Measuring & controlling devices	23.8	23.9	23.4	-0.1	0.4
384	Medical instruments & supplies	11.6	11.6	11.6	0.0	0.0
	Other instruments & related products	7.7	7.6	7.3	0.1	0.4
39	Miscellaneous manufacturing industries	24.7	24.7	26.0	0.0	-1.3
	TOTAL NONDURABLE GOODS	527.5	527.4	534.4	0.1	-6.9
20	Food & kindred products	97.9	99.3	97.6	-1.4	0.3
201	Meat products	16.7	16.5	15.7	0.2	1.0
2011	Meat packing plants	5.4	5.4	5.1	0.0	0.3
2013	Sausages & other prepared meats	5.7	5.6	5.6	0.1	0.1
2016,7	Poultry dressing & processing	5.6	5.5	5.0	0.1	0.6
202	Dairy products	11.5	11.2	11.4	0.3	0.1
2026	Fluid milk	6.7	6.7	6.8	0.0	-0.1
	Other dairy products	4.8	4.5	4.6	0.3	0.2
203	Preserved fruits & vegetables	11.9	13.5	12.8	-1.6	-0.9
2033	Canned fruits & vegetables	5.0	6.1	5.6	-1.1	-0.6
	Other preserved fruits & vegetables	6.9	7.4	7.2	-0.5	-0.3
204	Grain mill products	5.2	5.0	4.7	0.2	0.5
205	Bakery products	19.5	19.5	19.6	0.0	-0.1
2051	Bread, cake & related products	14.7	14.8	15.0	-0.1	-0.3
2052	Cookies & crackers	4.8	4.7	4.6	0.1	0.2
206	Sugar & confectionery products	15.4	15.7	15.6	-0.3	-0.2
2065	Confectionery products	6.1	6.1	6.4	0.0	-0.3
2066	Chocolate & cocoa products	6.2	6.5	5.9	-0.3	0.3
	Other sugar products	3.1	3.1	3.3	0.0	-0.2
208	Beverages	9.2	9.5	9.4	-0.3	-0.2
	Other food & kindred products	8.5	8.4	8.4	0.1	0.1
21	Tobacco manufacturers	3.2	3.3	3.8	-0.1	-0.6
22	Textile mill products	47.1	46.7	49.1	0.4	-2.0
222	Weaving mills, synthetics	4.4	4.4	4.6	0.0	-0.2
225	Knitting mills	24.0	23.5	24.6	0.5	-0.6
2253	Knit outerwear mills	12.2	11.9	12.8	0.3	-0.6
2254	Knit underwear mills	4.9	4.8	5.1	0.1	-0.2
	Other knitting mills	6.9	6.8	6.7	0.1	0.2
227	Floor covering mills	3.6	3.7	4.1	-0.1	-0.5
228	Yarn & thread mills	4.9	4.8	5.3	0.1	-0.4
	Other textile mill products	10.2	10.3	10.5	-0.1	-0.3

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(concl.) Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Feb. 1980	Jan. 1980	Feb. 1979	Jan. 1980	Feb. 1979
23	Apparel & other textile products	126.0	123.7	132.5	2.3	-6.5
231	Mens & boys suits & coats	14.9	14.9	15.5	0.0	-0.6
232	Mens & boys furnishings	24.1	24.3	25.1	-0.2	-1.0
2321	Mens & boys shirts & nightwear	8.9	9.1	9.4	-0.2	-0.5
2327	Mens & boys separate trousers	6.1	6.1	6.3	0.0	-0.2
	Other furnishings and work clothing	9.1	9.1	9.4	0.0	-0.3
233	Womens & misses outerwear	57.6	55.9	61.8	1.7	-4.2
234	Women & childrens undergarments	10.0	9.6	10.2	0.4	-0.2
236	Childrens outerwear	7.0	7.1	7.6	-0.1	-0.6
	Other apparel & textile products	12.4	11.9	12.3	0.5	0.1
26	Paper & allied products	43.7	43.7	44.5	0.0	-0.8
262	Paper mills exc. building paper	11.9	11.8	12.0	0.1	-0.1
265	Paper board containers & boxes	14.6	14.9	15.2	-0.3	-0.6
2653	Corrugated & solid fiber boxes	7.8	8.0	8.0	-0.2	-0.2
	Other paperboard containers	6.8	6.9	7.2	-0.1	-0.4
	Other paper & allied products	17.2	17.0	17.3	0.2	-0.1
27	Printing & publishing	74.0	73.3	71.3	0.7	2.7
271	Newspapers	26.5	25.9	25.3	0.6	1.2
273	Books	8.1	8.1	8.0	0.0	0.1
275	Commercial printing	21.0	20.8	20.3	0.2	0.7
2752	Lithographing	10.5	10.3	10.0	0.2	0.5
	Other commercial printing	10.5	10.5	10.3	0.0	0.2
276	Manifold business forms	3.8	3.9	3.7	-0.1	0.1
	Other printing & publishing	14.6	14.6	14.0	0.0	0.6
28	Chemicals & allied products	61.1	61.0	60.0	0.1	1.1
281	Industrial inorganic chemicals	11.2	11.1	10.6	0.1	0.6
282	Plastic materials & synthetics	8.7	8.6	8.6	0.1	0.1
283	Drugs	17.3	17.3	16.8	0.0	0.5
284	Soap, cleaners & toliet goods	3.2	3.1	3.2	0.1	0.0
285	Paints & allied products	4.2	4.3	4.4	-0.1	-0.2
	Other chemical & allied products	16.5	16.6	16.4	-0.1	0.1
29	Petroleum & coal products	16.0	16.8	16.3	-0.8	-0.3
291	Petroleum refining	12.4	13.4	13.0	-1.0	-0.6
	Other petroleum & coal products	3.6	3.4	3.3	0.2	0.3
30	Rubber & misc. plastic products	41.0	41.9	41.1	-0.9	-0.1
301	Tires & inner tubes	7.1	7.7	7.9	-0.6	-0.8
306	Fabricated rubber products	5.2	5.3	5.3	-0.1	-0.1
	Other rubber & plastic products, n.e.c.	28.7	28.9	27.9	-0.2	0.8
31	Leather & leather products	17.5	17.7	18.2	-0.2	-0.7
314	Footwear, exc. rubber	13.7	13.7	14.0	0.0	-0.3
3143	Mens footwear, exc. athletic	5.3	5.2	5.5	0.1	-0.2
3144	Womens footwear, exc. athletic	4.6	4.7	4.7	-0.1	-0.1
	Other footwear	3.8	3.8	3.8	0.0	0.0
	Other leather & leather products	3.8	4.0	4.2	-0.2	-0.4

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979
TOTAL MANUFACTURING INDUSTRIES	$285.43	$285.38	$271.32	39.1	39.2	39.9	$7.30	$7.28	$6.80
TOTAL DURABLE GOODS	322.00	322.81	308.92	40.0	40.2	41.3	8.05	8.03	7.48
Lumber & wood products	212.94	203.04	190.22	39.0	37.6	38.9	5.46	5.40	4.89
Millwork, plywood & structural	210.86	209.55	203.43	38.2	38.1	39.5	5.52	5.50	5.15
Other lumber & wood products	214.34	200.09	183.35	39.4	37.4	38.6	5.44	5.35	4.75
Furniture & fixtures	235.01	236.61	207.81	39.3	39.9	38.2	5.98	5.93	5.44
Household furniture	206.36	210.79	188.75	38.5	39.4	37.6	5.36	5.35	5.02
Office furniture	254.15	244.22	230.10	39.1	38.4	39.2	6.50	6.36	5.87
Other furniture & fixtures	270.03	268.21	220.80	41.1	41.2	38.2	6.57	6.51	5.78
Stone, clay & glass products	311.22	310.06	285.23	42.0	41.9	41.7	7.41	7.40	6.84
Glass & glassware, pressed or blown	281.91	288.15	268.49	39.1	39.8	39.6	7.21	7.24	6.78
Glass containers	262.77	277.14	291.62	35.8	37.3	41.6	7.34	7.43	7.01
Other pressed or blown glass	300.33	298.35	241.33	42.3	42.2	37.3	7.10	7.07	6.47
Hydraulic cement	362.23	387.03	364.90	37.0	39.9	41.0	9.79	9.70	8.90
Structural clay products	284.38	278.28	255.56	42.7	42.1	40.5	6.66	6.61	6.31
Pottery & related products	283.96	277.97	264.45	42.7	41.8	43.0	6.65	6.65	6.15
Concrete, gypsum & plaster prods.	274.22	267.11	251.37	39.4	38.6	39.4	6.96	6.92	6.38
Other stone, clay & glass prods.	370.19	361.56	320.47	46.8	46.0	45.2	7.91	7.86	7.09
Primary metal industries	384.27	386.32	384.14	37.6	37.8	41.8	10.22	10.22	9.19
Blast furnace & basic steel prods.	406.56	410.65	414.81	36.3	36.6	41.9	11.20	11.22	9.90
Blast furnaces & steel mills	410.27	413.28	419.50	35.8	36.0	41.7	11.46	11.48	10.06
Other basic steel products	369.35	379.53	361.44	41.5	42.5	43.6	8.90	8.93	8.29
Iron & steel foundries	319.99	308.89	291.37	39.8	39.5	40.3	8.04	7.82	7.23
Gray iron foundries	300.05	302.19	279.09	39.9	40.4	39.7	7.52	7.48	7.03
Steel foundries, n.e.c.	310.42	308.46	298.90	38.9	38.8	39.8	7.98	7.95	7.51
Malleable iron & steel invest.	366.13	319.80	299.29	41.0	39.0	41.8	8.93	8.20	7.16
Nonferrous rolling & drawing	334.85	336.76	311.28	41.7	42.2	42.7	8.03	7.98	7.29
Nonferrous foundries	296.35	301.53	271.97	43.2	43.7	42.1	6.86	6.90	6.46
Other primary metal products	319.29	316.30	309.60	42.8	42.4	43.3	7.46	7.46	7.15
Fabricated metal prods., incl. ordn.	297.75	296.38	281.11	40.4	40.6	40.8	7.37	7.30	6.89
Metal cans & shipping containers	339.01	352.64	353.72	40.6	42.9	45.7	8.35	8.22	7.74
Cutlery, hand tools & hardware	245.02	242.99	220.80	40.3	39.9	38.2	6.08	6.09	5.78
Plumbing & heating exc. electrical	291.90	305.55	255.02	42.8	45.2	41.0	6.82	6.76	6.22
Fabricated structural metal prods.	282.89	286.94	257.80	39.9	40.3	39.6	7.09	7.12	6.51
Fabricated struct. metal	278.08	277.61	279.37	35.2	34.4	37.6	7.90	8.07	7.43
Fab. plate work (boiler shops)	294.28	300.89	273.03	41.1	42.2	42.2	7.16	7.13	6.47
Other fab. struct. metal prods.	278.56	282.81	235.35	41.7	42.4	38.9	6.68	6.67	6.05
Screw machine products, bolts, etc.	291.10	275.09	259.34	41.0	40.1	41.1	7.10	6.86	6.31
Metal forgings & stampings	356.80	353.33	354.46	39.6	39.7	42.4	9.01	8.90	8.36
Iron & steel forgings	320.21	325.78	318.12	42.3	42.2	43.4	7.57	7.72	7.33
Other metal forgings & stampings	369.40	363.56	367.11	38.6	38.8	42.1	9.57	9.37	8.72
Metal services & ordnance, n.e.c.	282.32	290.00	258.40	42.2	42.9	40.0	6.69	6.76	6.46
Misc. fabricated metal products	284.38	277.38	271.10	40.8	40.2	41.2	6.97	6.90	6.58
Valves & pipe fittings	287.85	281.08	268.87	40.6	39.7	40.8	7.09	7.08	6.59
Other misc. fab. metal products	281.39	274.86	272.66	40.9	40.6	41.5	6.88	6.77	6.57
Machinery, exc. electrical	324.90	329.80	306.00	41.6	42.5	42.5	7.81	7.76	7.20
Engines & turbines	271.83	297.40	299.63	36.1	39.6	41.5	7.53	7.51	7.22
Farm & garden machinery	436.46	423.80	380.24	50.4	49.8	49.0	8.66	8.51	7.76
Construction & related machinery	320.10	327.89	321.02	38.8	39.6	41.8	8.25	8.28	7.68
Construction machinery	324.76	338.14	332.77	37.2	38.6	41.7	8.73	8.76	7.98
Conveyors & conveying equipment	315.84	281.76	253.26	42.0	40.6	40.2	7.52	6.94	6.30
Other constr. & related mach.	317.59	325.22	320.72	39.6	40.3	42.2	8.02	8.07	7.60
Metal working machinery	318.80	335.71	308.18	39.9	41.6	41.2	7.99	8.07	7.48
Special industry machinery	320.63	324.09	285.36	42.3	42.7	41.0	7.58	7.59	6.96
General industrial machinery	346.30	349.72	314.92	44.8	45.3	43.8	7.73	7.72	7.19
Pumps & pumping equipment	319.42	309.26	284.93	41.7	41.4	41.4	7.66	7.47	6.88
Ball & roller bearings	328.86	339.89	314.89	44.5	45.5	42.9	7.39	7.47	7.34
Air & gas compressors	389.77	402.12	328.27	48.6	49.4	46.3	8.02	8.14	7.09
Industrial furnaces & ovens	294.08	301.45	291.51	37.8	39.2	40.6	7.78	7.69	7.18
Other general industrial mach.	354.95	356.20	321.01	45.8	46.2	44.4	7.75	7.71	7.23
Office and computing machines	362.46	345.31	343.53	42.0	43.6	45.5	8.63	7.92	7.55
Refrigeration & serv. ind. mach.	259.52	258.80	241.19	39.5	40.0	40.4	6.57	6.47	5.97
Misc. machinery, exc. electrical	320.14	317.46	293.43	42.8	42.9	43.6	7.48	7.40	6.73

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(cont.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979
Electrical & electronic equipment	$285.31	$281.48	$260.58	40.7	40.5	40.4	$7.01	$6.95	$6.45
Electric distributing equipment	328.84	316.37	305.52	40.2	40.2	40.9	8.18	7.87	7.47
Transformers	304.24	304.84	303.30	37.7	38.2	42.9	8.07	7.98	7.07
Switchgear & switchbrd apparatus	341.55	322.97	306.03	41.5	41.3	39.9	8.23	7.82	7.67
Electrical industrial apparatus	273.74	272.74	267.33	39.5	39.3	39.9	6.93	6.94	6.70
Household appliances	258.61	244.26	225.76	38.2	34.5	34.0	6.77	7.08	6.64
Electric lighting & wiring equip.	284.86	272.12	247.04	42.9	41.8	40.9	6.64	6.51	6.04
Current-carrying wiring devices	314.55	287.77	248.87	46.6	43.8	41.0	6.75	6.57	6.07
Other elect lght & wirng equip.	266.99	261.63	245.62	40.7	40.5	40.8	6.56	6.46	6.02
Communication equipment	324.78	318.78	297.36	42.4	41.4	42.0	7.66	7.70	7.08
Electronic components & access.	283.56	287.38	249.04	41.7	42.2	41.3	6.80	6.81	6.03
Semiconductors & related devices	370.40	382.58	317.52	44.2	45.6	43.2	8.38	8.39	7.35
Other electronic comp.& access.	239.98	241.57	219.11	40.4	40.6	40.5	5.94	5.95	5.41
Other electrical equip. & supplies	240.83	241.70	238.29	36.6	37.3	39.0	6.58	6.48	6.11
Transportation equipment	348.80	353.87	339.81	40.7	41.1	41.9	8.57	8.61	8.11
Motor vehicles & equipment	339.60	345.15	372.82	38.2	39.0	43.1	8.89	8.85	8.65
Motor vehicle parts & access.	342.90	350.49	386.26	38.1	38.9	44.5	9.00	9.01	8.68
Other motor vehicles & equip.	336.27	339.78	362.90	38.3	39.1	42.1	8.78	8.69	8.62
Aircraft & parts	358.68	365.08	320.38	42.0	42.9	42.1	8.54	8.51	7.61
Ship & boat building & repairing	371.70	346.94	296.40	45.0	41.5	40.0	8.26	8.36	7.41
Railroad equipment	363.37	375.05	336.60	39.8	40.9	40.8	9.13	9.17	8.25
Other transportation equipment	307.78	316.89	275.60	44.8	45.4	42.4	6.87	6.98	6.50
Instruments & related products	270.00	270.68	255.37	40.0	40.4	40.6	6.75	6.70	6.29
Measuring & controlling devices	291.75	292.88	277.02	41.5	41.9	42.1	7.03	6.99	6.58
Medical instruments & supplies	234.25	234.74	221.38	37.6	37.8	38.5	6.23	6.21	5.75
Other instruments & related prods.	254.67	252.45	244.51	39.0	39.2	39.5	6.53	6.44	6.19
Misc. manufacturing industries	263.61	275.06	255.67	39.7	41.3	40.2	6.64	6.66	6.36
TOTAL NONDURABLE GOODS	228.84	227.10	212.06	37.7	37.6	37.6	6.07	6.04	5.64
Food & kindred products	260.68	259.24	240.34	39.2	39.7	39.4	6.65	6.53	6.10
Meat products	270.01	275.33	249.90	40.3	42.1	40.7	6.70	6.54	6.14
Meat packing plants	302.62	309.46	286.75	39.2	40.4	41.8	7.72	7.66	6.86
Sausages & other prepared meats	298.72	303.28	276.71	37.2	38.1	39.7	8.03	7.96	6.97
Poultry dressing & processing	216.43	221.84	187.92	43.9	47.0	40.5	4.93	4.72	4.64
Dairy products	280.30	285.34	258.95	41.1	41.9	41.3	6.82	6.81	6.27
Fluid milk	285.52	287.99	261.04	41.2	41.2	41.7	6.93	6.99	6.26
Other dairy products	276.34	282.81	256.44	41.0	42.4	40.9	6.74	6.67	6.27
Preserved fruits & vegetables	213.00	200.78	196.54	35.5	35.6	36.6	6.00	5.64	5.37
Canned fruits & vegetables	171.77	174.11	157.16	34.7	36.5	35.8	4.95	4.77	4.39
Other preserved fruits & vegs.	246.88	225.85	237.00	36.2	34.8	37.5	6.82	6.49	6.32
Grain mill products	320.32	303.26	265.68	44.8	43.2	40.5	7.15	7.02	6.56
Bakery products	245.22	250.19	223.02	38.8	39.4	37.8	6.32	6.35	5.90
Bread, cake & related products	241.92	245.97	226.35	37.8	37.9	38.3	6.40	6.49	5.91
Cookies & crackers	253.59	259.19	212.27	41.1	42.7	36.1	6.17	6.07	5.88
Sugar & confectionery products	262.07	259.72	245.85	37.6	37.9	38.9	6.97	6.80	6.32
Confectionery products	210.00	218.64	207.95	35.0	36.5	37.2	6.00	5.99	5.59
Chocolate & cocoa products	291.40	281.56	263.97	39.7	39.6	40.3	7.34	7.11	6.55
Other sugar products	319.51	298.62	301.15	39.3	37.8	40.1	8.13	7.90	7.51
Beverages	323.59	313.62	312.80	39.9	39.4	42.1	8.11	7.96	7.43
Other food & kindred products	225.44	241.50	226.32	39.9	42.0	41.3	5.65	5.75	5.48
Tobacco manufacturers	164.64	169.92	148.23	38.2	39.7	38.5	4.31	4.28	3.85
Textile mill products	189.20	191.12	171.00	38.3	38.5	37.5	4.94	4.99	4.56
Weaving mills, snythetics	229.44	227.08	185.14	44.9	44.7	39.9	5.11	5.08	4.64
Knitting mills	173.22	177.97	158.48	36.7	37.0	36.1	4.72	4.81	4.39
Knit outerwear mills	169.05	175.31	153.39	36.2	36.6	35.1	4.67	4.79	4.37
Knit underwear mills	157.79	156.29	150.92	35.7	35.2	36.9	4.42	4.44	4.09
Other knitting mills	191.50	199.14	175.77	38.3	39.2	37.8	5.00	5.08	4.65
Floor covering mills	224.82	224.44	229.87	38.3	38.3	42.1	5.87	5.86	5.46
Yarn & thread mills	178.32	178.77	155.03	37.7	37.4	37.0	4.73	4.78	4.19
Other textile mill products	206.04	206.96	185.37	39.7	39.8	38.7	5.19	5.20	4.79

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(concl.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979
Apparel & other textile products	$152.71	$149.12	$141.57	32.7	32.0	33.0	$4.67	$4.66	$4.29
Mens & boys suits & coats	206.06	208.62	185.15	36.6	36.6	35.2	5.63	5.70	5.26
Mens & boys furnishings	157.50	154.91	144.58	35.0	34.5	34.1	4.50	4.49	4.24
Mens & boys shirts & nightwear	155.14	149.60	144.77	35.1	34.0	34.8	4.42	4.40	4.16
Mens & boys separate trousers	159.54	170.86	143.68	32.1	33.9	31.1	4.97	5.04	4.62
Other furnishings & wrk. clothng	157.81	149.32	145.20	36.7	35.3	35.5	4.30	4.23	4.09
Womens & misses outerwear	143.53	137.21	135.56	30.8	29.7	31.6	4.66	4.62	4.29
Women & childrens undergarments	132.80	127.19	127.02	33.2	32.2	34.8	4.00	3.95	3.65
Childrens outerwear	137.34	136.19	125.33	29.6	29.8	33.6	4.64	4.57	3.73
Other apparel & textile products	147.80	143.01	128.80	33.9	32.8	32.2	4.36	4.36	4.00
Paper & allied products	298.32	305.55	282.24	44.0	45.0	44.1	6.78	6.79	6.40
Paper mills exc. building paper	388.46	396.40	360.83	47.2	48.4	46.8	8.23	8.19	7.71
Paper board containers & boxes	277.70	282.35	251.93	40.6	41.4	40.7	6.84	6.82	6.19
Corrugated & solid fiber boxes	277.53	282.10	261.71	38.6	39.4	38.6	7.19	7.16	6.78
Other paperboard containers	277.99	282.30	241.39	42.9	43.7	42.8	6.48	6.46	5.64
Other paper & allied products	265.78	276.54	266.56	45.2	46.4	45.8	5.88	5.96	5.82
Printing & publishing	274.87	274.91	252.74	36.6	37.0	35.9	7.51	7.43	7.04
Newspapers	288.64	283.59	264.99	32.8	32.3	33.0	8.80	8.78	8.03
Books	220.17	219.49	204.33	35.8	36.1	36.1	6.15	6.08	5.66
Commercial printing	285.77	292.43	271.93	37.9	39.2	37.2	7.54	7.46	7.31
Lithographing	287.60	283.14	263.14	38.5	39.0	36.7	7.47	7.26	7.17
Other commercial printing	284.99	301.02	280.12	37.4	39.4	37.6	7.62	7.64	7.45
Manifold business forms	296.94	274.51	265.73	40.4	38.5	38.4	7.35	7.13	6.92
Other printing & publishing	273.18	277.03	239.70	38.1	38.8	36.1	7.17	7.14	6.64
Chemicals & allied products	308.26	308.35	291.81	41.6	41.5	42.6	7.41	7.43	6.85
Industrial inorganic chemicals	330.44	336.73	324.47	44.0	44.6	45.7	7.51	7.55	7.10
Plastic materials & synthetics	313.59	318.42	273.88	41.1	41.3	41.0	7.63	7.71	6.68
Drugs	288.42	291.83	288.64	38.0	38.5	41.0	7.59	7.58	7.04
Soap, cleaners & toliet goods	285.89	281.22	261.16	44.6	43.6	43.6	6.41	6.45	5.99
Paints & allied products	268.28	263.89	276.27	36.5	36.1	42.7	7.35	7.31	6.47
Other chemical & allied products	324.87	318.56	293.35	44.2	43.4	42.7	7.35	7.34	6.87
Petroleum & coal products	410.22	312.36	389.73	43.0	34.9	42.5	9.54	8.95	9.17
Petroleum refining	422.35	309.40	412.68	41.9	32.5	42.5	10.08	9.52	9.71
Other petroleum & coal products	367.07	329.00	305.87	47.0	46.8	42.6	7.81	7.03	7.18
Rubber & misc. plastic products	238.80	245.42	238.79	40.0	40.7	41.1	5.97	6.03	5.81
Tires & inner tubes	357.42	381.43	375.67	42.0	45.3	46.9	8.51	8.42	8.01
Fabricated rubber products	273.61	277.30	264.69	41.9	42.4	42.9	6.53	6.54	6.17
Other rubber & plastic prods.,nec	204.62	207.11	197.06	39.2	39.3	39.1	5.22	5.27	5.04
Leather & leather products	173.60	172.80	145.04	40.0	40.0	35.9	4.34	4.32	4.04
Footwear, exc. rubber	161.41	161.82	130.99	38.8	38.9	34.2	4.16	4.16	3.83
Mens footwear, exc. athletic	182.71	176.66	142.40	42.1	40.8	36.7	4.34	4.33	3.88
Womens footwear, exc. athletic	151.26	157.59	122.36	38.1	39.3	32.2	3.97	4.01	3.80
Other footwear	143.79	145.20	126.25	34.9	35.5	33.4	4.12	4.09	3.78
Other leather & leather products	217.07	210.63	192.19	44.3	43.7	41.6	4.90	4.82	4.62
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	360.45	373.65	314.29	45.8	48.4	41.3	7.87	7.72	7.61
Bituminous coal & lignite mining	359.46	383.33	344.42	33.5	35.2	33.8	10.73	10.89	10.19
Nonmetallic minerals, exc. fuels	334.41	312.90	300.18	43.6	42.0	42.7	7.67	7.45	7.03
Communication	336.96	340.73	317.19	39.0	39.3	39.5	8.64	8.67	8.03
Electric, gas, & sanitary services	396.93	400.95	383.11	44.8	45.0	44.6	8.86	8.91	8.59
Electric services	407.16	417.66	386.98	46.8	47.3	46.4	8.70	8.83	8.34
Gas production & distribution	350.02	349.49	323.23	43.0	43.2	41.6	8.14	8.09	7.77
General merchandise stores	127.59	124.45	116.99	26.2	26.2	25.6	4.87	4.75	4.57
Banking	180.61	178.70	161.81	INA	INA	INA	INA	INA	INA
Insurance carriers	218.26	214.37	202.09	INA	INA	INA	INA	INA	INA
Life insurance	201.87	199.64	188.33	INA	INA	INA	INA	INA	INA
Fire, marine & casualty ins.	217.96	212.41	203.12	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$167.23	40.2	$4.16	$187.17	41.5	$4.51	$139.03	38.3	$3.63	$212.38	41.4	$5.13
1974	180.97	39.6	4.57	203.45	41.1	4.95	146.59	37.3	3.93	239.61	41.1	5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1979	278.10	39.9	6.97	316.83	41.2	7.69	219.06	37.9	5.78	397.16	41.5	9.57
1979 Feb.	271.32	39.9	6.80	308.92	41.3	7.48	212.06	37.6	5.64	384.14	41.8	9.19
Mar.	274.44	40.3	6.81	313.50	41.8	7.50	215.65	38.1	5.66	387.74	42.1	9.21
Apr.	265.30	38.9	6.82	301.50	40.2	7.50	209.59	36.9	5.68	396.68	42.2	9.40
May	273.14	39.7	6.88	311.54	41.1	7.58	215.27	37.7	5.71	387.39	41.3	9.38
Jun.	278.29	40.1	6.94	316.30	41.4	7.64	218.12	38.0	5.74	397.00	42.1	9.43
Jul.	277.31	39.9	6.95	313.65	41.0	7.65	221.37	38.3	5.78	397.00	42.1	9.43
Aug.	279.49	39.7	7.04	317.79	40.9	7.77	221.92	38.0	5.84	399.75	41.0	9.75
Sep.	285.51	40.1	7.12	323.42	41.2	7.85	225.00	38.2	5.89	407.12	41.5	9.81
Oct.	284.57	39.8	7.15	323.05	41.1	7.86	224.37	37.9	5.92	397.39	40.8	9.74
Nov.	294.19	40.3	7.30	334.88	41.6	8.05	230.78	38.4	6.01	425.60	41.2	10.33
Dec.	291.34	39.8	7.32	329.65	40.9	8.06	231.87	38.2	6.07	408.35	39.8	10.26
1980 Jan.	285.38	39.2	7.28	322.81	40.2	8.03	227.10	37.6	6.04	386.32	37.8	10.22
Feb.	285.43	39.1	7.30	322.00	40.0	8.05	228.84	37.7	6.07	384.27	37.6	10.22

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$182.68	41.9	$4.36	$198.77	43.4	$4.58	$167.69	40.8	$4.11	$197.69	41.1	$4.81
1974	196.24	41.4	4.74	209.78	42.9	4.89	175.96	39.9	4.41	215.54	40.9	5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1979	285.93	40.5	7.06	311.33	42.3	7.36	266.64	40.4	6.60	348.60	42.0	8.30
1979 Feb.	281.11	40.8	6.89	306.00	42.5	7.20	260.58	40.4	6.45	339.81	41.9	8.11
Mar.	287.04	41.3	6.95	310.17	42.9	7.23	264.68	41.1	6.44	341.88	42.0	8.14
Apr.	261.23	38.7	6.75	286.63	40.2	7.13	250.63	39.1	6.41	311.65	39.4	7.91
May	288.23	41.0	7.03	303.47	41.8	7.26	261.55	40.3	6.49	333.33	41.0	8.13
Jun.	288.36	40.5	7.12	309.33	42.2	7.33	264.31	40.6	6.51	334.15	41.0	8.15
Jul.	282.80	40.0	7.07	303.99	41.7	7.29	259.24	39.7	6.53	334.55	40.7	8.22
Aug.	283.60	40.0	7.09	312.28	42.2	7.40	257.90	39.8	6.48	341.04	40.6	8.40
Sep.	286.80	40.0	7.17	318.33	42.5	7.49	271.62	40.3	6.74	350.26	41.5	8.44
Oct.	292.66	40.2	7.28	321.73	42.5	7.57	273.91	40.4	6.78	355.28	41.7	8.52
Nov.	299.30	41.0	7.30	329.84	43.4	7.60	283.73	41.3	6.87	349.76	41.1	8.51
Dec.	304.79	41.3	7.38	327.76	42.9	7.64	280.95	40.6	6.92	349.61	40.7	8.59
1980 Jan.	296.38	40.6	7.30	329.80	42.5	7.76	281.48	40.5	6.95	353.87	41.1	8.61
Feb.	297.75	40.4	7.37	324.90	41.6	7.81	285.31	40.7	7.01	348.80	40.7	8.57

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$158.36	40.5	$3.91	$120.43	39.1	$3.08	$ 99.71	33.8	$2.95	$180.81	38.8	$4.66
1974	171.68	40.3	4.26	124.74	37.8	3.30	103.02	32.6	3.16	189.52	38.0	4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1979	251.20	40.0	6.25	178.26	38.5	4.63	143.44	32.6	4.40	263.87	36.7	7.19
1979 Feb.	240.34	39.4	6.10	171.00	37.5	4.56	141.57	33.0	4.29	252.74	35.9	7.04
Mar.	247.02	40.1	6.16	178.87	38.8	4.61	140.91	33.0	4.27	258.09	36.3	7.11
Apr.	242.09	39.3	6.16	173.58	37.9	4.58	137.03	31.5	4.35	245.70	35.1	7.00
May	248.00	40.0	6.20	180.11	38.9	4.63	139.54	32.3	4.32	254.54	35.8	7.11
Jun.	248.58	39.9	6.23	182.82	39.4	4.64	143.77	32.9	4.37	256.68	36.0	7.13
Jul.	253.49	40.3	6.29	178.31	38.1	4.68	145.25	33.7	4.31	265.27	37.1	7.15
Aug.	256.07	40.2	6.37	180.01	38.3	4.70	142.79	32.6	4.38	266.35	37.2	7.16
Sep.	256.14	40.4	6.34	181.93	38.3	4.75	146.17	32.7	4.47	268.93	37.3	7.21
Oct.	248.77	39.3	6.33	185.85	38.8	4.79	148.98	32.6	4.57	265.70	36.8	7.22
Nov.	261.06	40.6	6.43	188.37	39.0	4.83	149.77	32.7	4.58	276.77	37.3	7.42
Dec.	266.18	40.7	6.54	186.73	38.5	4.85	147.23	31.8	4.63	291.39	38.8	7.51
1980 Jan.	259.24	39.7	6.53	191.12	38.5	4.99	149.12	32.0	4.66	274.91	37.0	7.43
Feb.	260.68	39.2	6.65	189.20	38.3	4.94	152.71	32.7	4.67	274.87	36.6	7.51

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1969	$127.52	40.1	$3.18	112.7	109.8	$116.14	$ 11.38
1970	131.71	39.2	3.36	119.1	116.3	113.25	18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	230.0	120.91	157.19

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979
MANUFACTURING	988.0	993.1	992.2	38,608.6	38,927.2	39,538.5	281,941.7	283,496.3	268,669.6
DURABLE GOODS	601.0	606.1	601.2	24,025.1	24,378.8	24,842.3	193,434.3	195,650.4	185,732.7
NONDUR. GOODS	387.0	387.0	391.0	14,583.5	14,548.4	14,696.2	88,507.4	87,845.9	82,936.9

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Group

(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.5	809.3	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,369.2	828.0	21.9	20.2	63.8	199.2	112.5	137.8
1979	1,389.8	853.9	22.5	20.4	65.0	203.2	116.0	142.5
1979 Feb.	1,375.9	841.5	21.4	20.6	62.6	200.8	115.6	140.7
Mar.	1,381.9	845.8	22.2	20.2	64.2	201.6	115.5	140.9
Apr.	1,389.5	852.0	22.8	20.3	64.3	201.6	116.0	143.6
May	1,392.2	855.2	22.9	20.2	65.0	202.5	115.9	143.4
Jun.	1,409.8	866.4	23.2	20.3	67.1	207.1	116.6	144.6
Jul.	1,397.1	861.9	22.9	19.7	67.0	206.8	114.7	142.9
Aug.	1,340.4	852.0	23.1	20.5	66.4	207.1	116.1	141.1
Sep.	1,398.0	861.5	23.0	20.8	65.6	204.7	116.0	143.2
Oct.	1,394.6	860.0	22.8	20.9	65.0	202.5	116.3	144.0
Nov.	1,390.2	857.2	22.2	20.8	64.5	201.9	116.2	142.5
Dec.	1,383.7	853.0	21.7	20.3	64.6	200.7	116.6	143.4
1980 Jan.	1,374.3	846.9	22.3	20.3	62.7	198.7	115.9	146.7
Feb.	1,369.9	842.4	22.7	19.8	62.9	197.6	115.7	146.8

Year and Month	Electric and Electronic Equipment	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.3	37.3	27.8	532.2	98.8	3.6	49.4
1978	123.9	81.8	40.3	26.6	541.2	99.7	4.0	50.6
1979	127.1	87.8	42.9	26.6	536.0	100.1	3.6	48.4
1979 Feb.	125.7	85.8	42.3	26.0	534.4	97.6	3.8	49.1
Mar.	125.9	86.5	42.6	26.2	536.1	98.4	3.8	48.9
Apr.	127.0	86.9	43.0	26.5	537.5	98.7	3.7	48.9
May	128.8	87.1	43.1	26.3	537.0	98.0	3.7	48.6
Jun.	128.3	88.4	43.7	27.1	543.4	99.6	3.7	49.1
Jul.	129.1	88.5	43.4	26.9	535.2	99.9	3.6	47.6
Aug.	119.4	87.5	43.4	27.4	538.4	101.7	3.5	48.4
Sep.	128.9	89.4	42.8	27.1	536.5	102.2	3.4	48.2
Oct.	128.4	90.1	42.7	27.3	534.6	102.2	3.3	48.0
Nov.	129.2	90.4	42.8	26.7	533.0	101.4	3.3	48.1
Dec.	128.9	88.1	42.8	25.9	530.7	102.1	3.2	47.5
1980 Jan.	129.2	83.3	43.1	24.7	527.4	99.3	3.3	46.7
Feb.	127.1	82.0	43.1	24.7	527.5	97.9	3.2	47.1

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)
Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	135.2	61.0	44.4	71.1	59.9	17.3	39.9	19.2
1979	128.8	58.9	44.8	72.1	61.0	17.4	42.0	17.8
1979 Feb.	132.5	61.8	44.5	71.3	60.0	16.3	41.1	18.2
Mar.	132.3	61.5	44.6	71.8	60.4	16.5	41.6	17.8
Apr.	132.5	61.6	44.8	71.7	60.6	17.2	41.6	17.8
May	131.5	60.5	44.5	72.0	60.9	17.6	42.2	18.0
Jun.	132.3	61.0	45.0	72.3	61.9	18.2	42.9	18.4
Jul.	127.1	57.9	45.1	72.2	62.0	18.1	42.6	17.0
Aug.	126.6	56.6	46.1	71.8	61.9	18.2	42.4	17.8
Sep.	126.5	57.0	45.4	71.7	61.2	17.9	42.4	17.6
Oct.	125.6	56.9	44.6	72.0	61.2	17.7	42.5	17.5
Nov.	124.6	56.5	44.2	72.8	61.1	17.8	42.3	17.4
Dec.	122.5	54.3	43.8	73.5	61.5	17.1	42.0	17.5
1980 Jan.	123.7	55.9	43.7	73.3	61.0	16.8	41.9	17.7
Feb.	126.0	57.6	43.7	74.0	61.1	16.0	41.0	17.5

TABLE 12. SELECTED PENNSYLVANIA INDICES
(Not Adjusted)
1967 = 100

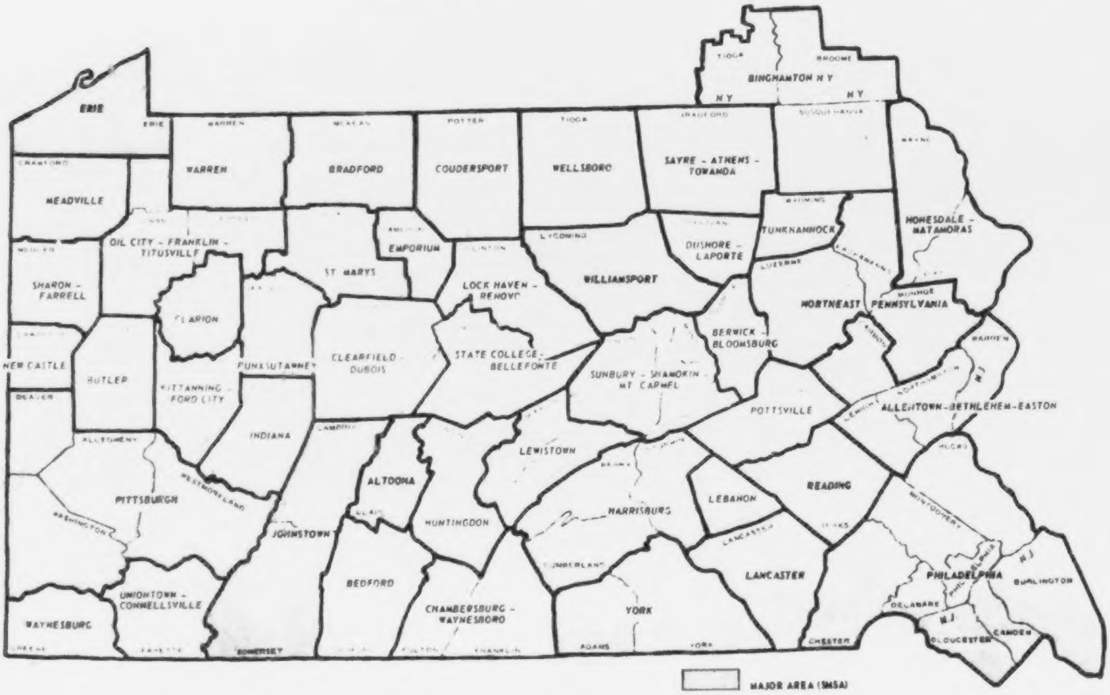
Industry Group	1980		1979	1978	ANNUAL AVERAGE	
	Feb.	Jan.	Feb.	Feb.	1979	1978
EMPLOYMENT						
All Manufacturing	88.0	88.3	88.4	85.9	89.3	87.9
Primary Metals	77.1	77.5	78.3	76.9	79.3	77.7
Apparel	70.2	68.9	73.8	73.7	71.7	75.3
All Nonmanufacturing	129.5	130.4	127.1	121.7	131.6	128.5
Construction	98.5	105.0	89.0	83.3	113.4	109.6
Retail Trade	125.7	128.6	127.0	124.1	130.9	131.0
Services	158.3	157.3	149.6	140.5	156.4	148.1
Government	126.4	126.3	128.2	127.9	127.4	127.8

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to:

Office of Employment Security
Research and Statistics Divison
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121


ERIE
ERIE
WARREN
WARREN
BRADFORD
POTTER
COUDERSPORT
TIOGA
WELLSBORO
TIOGA
BROOME
BINGHAMTON N Y
N Y
N Y
SAYRE - ATHENS - TOWANDA
WAYNE
CRAWFORD
MEADVILLE
OIL CITY - FRANKLIN - TITUSVILLE
EMPORIUM
ST MARYS
LYCOMING
WILLIAMSPORT
DUSHORE - LAPORTE
WYOMING
TUNKHANNOCK
HONESDALE - MATAMORAS
SHARON - FARRELL
CLARION
LOCK HAVEN - RENOVO
LUZERNE
NORTHEAST PENNSYLVANIA
MONROE
NEW CASTLE
BUTLER
KITTANNING - FORD CITY
PUNXSUTAWNEY
CLEARFIELD - DUBOIS
STATE COLLEGE - BELLEFONTE
SUNBURY - SHAMOKIN - MT CARMEL
BERWICK - BLOOMSBURG
WARREN
N J
BEAVER
INDIANA
CAMBRIA
POTTSVILLE
NORTHAMPTON
LEHIGH
ALLENTOWN-BETHLEHEM-EASTON
ALLEGHENY
WESTMORELAND
PITTSBURGH
ALTOONA
LEWISTOWN
BUCKS
READING
LEBANON
WASHINGTON
BLAIR
JOHNSTOWN
HUNTINGDON
HARRISBURG
MONTGOMERY
BERKS
LANCASTER
CUMBERLAND
LANCASTER
PHILADELPHIA
N J
BURLINGTON
UNIONTOWN - CONNELLSVILLE
BEDFORD
CHAMBERSBURG - WAYNESBORO
YORK
DELAWARE
N J
WAYNESBURG
GREENE
FAYETTE
SOMERSET
FULTON
FRANKLIN
ADAMS
YORK
CHESTER
GLOUCESTER
CAMDEN
MAJOR AREA (SMSA)

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN - BETHLEHEM - EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA......................................	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER....................................	Lancaster County
NORTHEAST....................................	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING......................................	Berks County
WILLIAMSPORT..................................	Lycoming County
YORK..	Adams and York Counties

TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES MAJOR LABOR MARKET AREAS

(Per 100 Employees)

JANUARY 1980

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979
PENNSYLVANIA	1,374.3	3.2	1.9	3.3	1.5	0.9	1.9	1.4	0.9	1.2
ALLENTOWN-BETHLEHEM-EASTON	110.9	2.7	1.4	2.7	1.4	0.8	1.4	1.1	0.4	1.0
ALTOONA	13.7	2.8	1.3	2.3	1.8	0.6	0.9	0.9	0.6	1.2
ERIE	43.2	2.3	1.4	3.2	1.0	0.6	1.7	0.8	0.4	1.2
HARRISBURG	43.4	3.3	2.1	2.8	2.5	1.2	2.0	0.5	0.5	1.6
JOHNSTOWN	20.3	2.1	1.5	3.2	0.3	0.5	1.1	1.7	1.0	2.1
LANCASTER	60.3	2.9	1.8	3.8	2.2	1.5	2.9	0.5	0.2	0.7
NORTHEAST	73.4	5.2	2.7	6.4	1.9	0.9	2.5	3.1	1.6	3.6
SCRANTON	28.2	3.4	2.1	5.2	1.7	0.8	2.3	2.3	1.3	2.7
WILKES-BARRE-HAZLETON	40.2	5.7	2.3	6.2	1.5	0.7	1.9	3.7	1.4	4.0
PHILADELPHIA	452.9	3.3	1.7	2.7	1.8	1.0	1.8	1.4	0.6	0.7
PITTSBURGH	246.5	2.8	2.1	3.0	0.6	0.5	1.3	1.7	1.3	1.2
READING	55.0	2.5	2.1	3.7	1.5	1.2	2.8	0.8	0.7	0.8
WILLIAMSPORT	16.7	1.4	1.1	3.3	0.6	0.4	1.8	0.7	0.7	1.4
YORK	68.0	3.1	2.1	3.6	2.3	1.6	2.9	0.7	0.4	0.6

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979	Jan. 1980	Dec. 1979	Jan. 1979
PENNSYLVANIA	1,374.3	3.4	3.1	3.1	0.9	0.6	1.0	1.7	2.0	1.4
ALLENTOWN-BETHLEHEM-EASTON	110.9	2.3	3.1	2.5	0.8	0.5	0.8	1.0	2.1	0.9
ALTOONA	13.7	2.1	1.9	2.0	1.1	0.7	0.6	0.6	0.9	0.8
ERIE	43.2	2.9	2.6	3.3	0.7	0.5	1.0	1.1	1.5	1.4
HARRISBURG	43.4	3.0	3.5	2.6	1.4	1.1	1.3	0.9	1.7	0.5
JOHNSTOWN	20.3	4.2	1.9	5.2	0.4	0.4	0.6	3.0	1.2	3.5
LANCASTER	60.3	2.6	2.5	3.0	1.4	1.2	1.6	0.6	0.8	0.9
NORTHEAST	73.4	3.8	5.6	3.9	1.1	0.5	1.3	2.2	4.5	2.1
SCRANTON	28.2	4.2	4.5	3.9	1.2	0.5	1.3	2.7	3.6	2.2
WILKES-BARRE-HAZLETON	40.2	3.5	5.5	3.3	0.9	0.5	0.8	2.0	4.6	1.9
PHILADELPHIA	452.9	3.3	2.7	2.9	1.0	0.7	1.0	1.3	1.5	1.1
PITTSBURGH	246.5	3.1	4.0	2.5	0.4	0.3	0.5	1.8	3.3	1.1
READING	55.0	3.2	2.4	3.3	1.3	0.8	1.5	1.4	1.1	1.1
WILLIAMSPORT	16.7	1.7	1.3	2.6	0.4	0.3	0.9	1.0	0.7	1.4
YORK	68.0	4.7	3.0	4.0	1.8	1.1	2.0	2.4	1.3	1.3

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979
PENNSYLVANIA	$285.43	$285.38	$271.32	39.1	39.2	39.9	$7.30	$7.28	$6.80
ALLENTOWN-BETHLEHEM-EASTON	289.92	291.82	261.44	38.4	38.6	38.0	7.55	7.56	6.88
ALTOONA	251.14	252.65	230.18	39.8	39.6	38.3	6.31	6.38	6.01
ERIE	306.59	308.38	281.99	41.6	41.9	41.9	7.37	7.36	6.73
HARRISBURG	289.82	287.73	256.40	41.7	41.7	40.0	6.95	6.90	6.41
JOHNSTOWN	307.47	302.73	293.54	38.1	37.7	40.6	8.07	8.03	7.23
LANCASTER	259.08	257.22	235.42	40.8	40.7	39.7	6.35	6.32	5.93
NORTHEAST	206.96	211.49	190.69	36.5	37.3	37.1	5.67	5.67	5.14
SCRANTON	196.51	207.38	194.30	35.6	37.5	38.4	5.52	5.53	5.06
WILKES-BARRE-HAZLETON	213.12	212.18	187.88	37.0	36.9	36.2	5.76	5.75	5.19
PHILADELPHIA	289.87	290.54	271.26	39.6	39.8	39.6	7.32	7.30	6.85
PITTSBURGH	355.45	355.37	334.97	40.3	40.2	40.8	8.82	8.84	8.21
READING	262.68	267.74	236.12	38.8	39.2	37.9	6.77	6.83	6.23
WILLIAMSPORT	272.12	275.25	241.74	39.9	40.3	39.5	6.82	6.83	6.12
YORK	260.80	264.79	243.19	40.0	40.8	40.6	6.52	6.49	5.99

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT
MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	Feb. 1980		Jan. 1980		Feb. 1979	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	6.8	6.0	6.8	6.2	6.4	5.7
PENNSYLVANIA	7.8	6.8	7.8	7.2	7.5	6.5
ALLENTOWN-BETH-EASTON	6.4	5.5	7.2	6.2	6.8	5.9
ALTOONA	10.1	8.6	9.6	8.6	9.8	8.4
ERIE	9.1	7.7	8.5	7.6	7.7	6.6
HARRISBURG	5.9	5.2	6.0	5.3	5.4	4.7
JOHNSTOWN	11.2	9.8	10.5	9.1	9.7	8.5
LANCASTER	5.5	4.5	5.1	4.2	4.9	4.0
NORTHEAST	10.2	8.9	10.6	9.3	9.3	8.2
SCRANTON	9.2	8.3	9.7	8.8	8.7	7.7
W BARRE-HAZLETON	10.8	9.5	11.1	9.7	9.5	8.4
PHILADELPHIA	6.6	6.0	6.5	6.4	7.4	6.8
PITTSBURGH	7.1	6.0	7.4	6.6	6.7	5.6
POTTSVILLE	10.5	-	10.8	-	9.6	-
READING	7.7	6.8	6.6	6.1	5.7	5.1
UNIONTOWN-CONNELLSVLE	11.7	-	13.5	-	11.0	-
WILLIAMSPORT	12.3	10.1	11.9	10.6	9.9	8.0
YORK	6.7	5.5	7.0	6.3	6.0	5.0

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979
UNITED STATES	103,257.0	103,188.0	101,249.0	96,264.0	96,145.0	94,765.0	6,993.0	7,043.0	6,484.0
PENNSYLVANIA	5,363.0	5,332.0	5,236.0	4,944.0	4,918.0	4,842.0	419.0	414.0	394.0
ALLENTOWN-BETH-EASTON	302.2	302.4	295.1	283.0	280.7	275.0	19.2	21.6	20.1
ALTOONA	60.4	60.3	56.7	54.3	54.5	51.1	6.1	5.8	5.6
ERIE	127.0	125.9	123.7	115.5	115.2	114.2	11.5	10.7	9.5
HARRISBURG	217.7	217.8	214.0	204.8	204.7	202.5	12.9	13.2	11.5
JOHNSTOWN	111.9	110.6	107.5	99.4	99.0	97.0	12.5	11.6	10.5
LANCASTER	178.2	176.4	173.4	168.5	167.4	164.9	9.7	9.0	8.4
NORTHEAST	288.7	286.0	280.8	259.4	255.7	254.7	29.3	30.3	26.1
SCRANTON	105.4	104.4	102.9	95.7	94.3	94.0	9.7	10.1	8.9
W BARRE-HAZLETON	156.0	154.4	151.2	139.2	137.3	136.7	16.8	17.2	14.4
PHILADELPHIA	2,132.4	2,121.7	2,101.1	1,991.6	1,984.5	1,945.1	140.9	137.2	156.0
PITTSBURGH	1,016.3	1,013.4	996.2	943.9	938.4	929.5	72.5	75.0	66.7
POTTSVILLE	67.1	66.9	67.6	60.1	59.6	61.1	7.1	7.3	6.5
READING	156.4	153.9	148.6	144.4	143.7	140.1	12.0	10.1	8.5
UNIONTOWN-CONNELLSVLE	59.0	61.0	59.4	52.1	52.7	52.9	6.9	8.2	6.5
WILLIAMSPORT	53.0	52.7	52.7	46.5	46.5	47.4	6.5	6.2	5.2
YORK	174.2	174.9	170.4	162.6	162.6	160.2	11.6	12.3	10.2

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	Nonagricultural Wage and Salary			Private Sector *		
	Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979
UNITED STATES	89,301.0	89,225.0	87,324.0	73,380.0	73,489.0	71,606.0
PENNSYLVANIA	4,758.0	4,784.1	4,699.3	4,035.3	4,062.6	3,967.2
ALLENTOWN-BETHLEHEM-EASTON	263.1	263.2	258.1	233.9	234.2	228.5
ALTOONA	53.3	54.0	50.6	45.7	46.4	43.4
ERIE	114.9	115.5	114.6	101.1	102.1	100.2
HARRISBURG	213.2	215.0	213.1	159.2	160.7	156.6
JOHNSTOWN	89.4	89.9	88.0	73.8	75.0	73.4
LANCASTER	151.6	152.2	149.8	136.5	137.9	134.6
NORTHEAST	241.6	240.3	239.7	201.8	201.3	200.3
SCRANTON	86.6	86.5	85.0	74.6	74.3	73.0
WILKES-BARRE-HAZLETON	126.1	126.2	126.0	106.2	106.5	106.7
PHILADELPHIA	1,913.7	1,922.1	1,886.0	1,609.0	1,616.2	1,585.6
PITTSBURGH	940.2	942.7	935.0	811.3	814.6	811.7
POTTSVILLE	47.8	47.9	48.9	39.1	39.2	40.5
READING	139.5	139.9	136.5	122.1	123.2	119.9
UNIONTOWN-CONNELLSVILLE	35.4	36.1	36.3	28.2	28.9	29.0
WILLIAMSPORT	46.3	46.7	47.7	40.0	40.3	41.1
YORK	155.2	156.8	154.5	136.3	137.9	133.7

Area	Manufacturing			Nonmanufacturing		
	Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979
UNITED STATES	20,658.0	20,692.0	20,775.0	68,643.0	68,533.0	66,549.0
PENNSYLVANIA	1,369.9	1,374.3	1,375.9	3,382.3	3,404.8	3,318.6
ALLENTOWN-BETHLEHEM-EASTON	111.3	110.9	109.6	151.8	152.3	148.5
ALTOONA	13.5	13.7	12.5	39.8	40.3	37.9
ERIE	42.9	43.2	44.5	72.0	72.0	70.1
HARRISBURG	43.5	43.4	42.2	169.6	171.5	170.6
JOHNSTOWN	20.1	20.3	20.1	68.8	69.5	67.8
LANCASTER	59.9	60.3	60.2	91.6	91.9	89.6
NORTHEAST	74.6	73.4	74.0	166.6	166.5	165.7
SCRANTON	28.7	28.2	28.1	57.5	57.9	56.9
WILKES-BARRE-HAZLETON	40.6	40.2	41.1	85.5	86.0	84.9
PHILADELPHIA	450.2	452.9	452.2	1,460.7	1,467.5	1,432.1
PITTSBURGH	249.4	246.5	253.6	689.5	694.7	681.0
POTTSVILLE	20.2	19.9	21.2	27.6	28.0	27.5
READING	54.4	55.0	55.3	85.0	84.9	81.2
UNIONTOWN-CONNELLSVILLE	7.7	8.0	8.1	27.7	28.1	28.2
WILLIAMSPORT	16.5	16.7	18.3	29.8	30.0	29.4
YORK	66.7	68.0	64.7	88.5	88.8	88.0

* Excludes Government employment

TABLE 17. LABOR TURNOVER RATES IN PENNSYLVANIA
NONDURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	Nondurable Goods						Food & Kindred						Textiles						Apparel					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.2	2.7		4.9	2.1	2.1	5.2	3.3		5.8	2.6	2.5	4.5	3.6		5.5	3.1	1.7	5.2	2.5		6.6	2.1	3.8
1975	4.1	1.8		4.4	1.3	2.5	4.6	2.3		4.9	1.5	2.7	4.5	2.3		5.1	1.6	2.8	5.6	2.3		5.6	1.5	3.5
1976	3.9	2.2	1.4	4.1	1.4	2.0	4.6	2.3	2.0	4.9	1.4	2.8	4.5	3.0	1.2	4.8	2.2	1.9	4.8	2.5	2.0	5.5	1.7	2.9
1977	3.9	2.3	1.4	3.9	1.5	1.8	4.9	2.4	2.2	5.0	1.6	2.8	4.3	3.0	1.1	4.6	2.2	1.8	5.1	2.6	2.2	5.1	1.8	2.6
1978	3.6	2.4	1.0	3.6	1.7	1.3	4.1	2.5	1.4	4.3	1.8	1.9	4.5	3.5	0.8	4.2	2.6	0.9	4.3	2.7	1.3	4.6	2.0	1.8
1979																								
Jan.	4.0	2.2	1.6	3.9	1.5	1.7	3.6	2.0	1.4	5.2	1.6	3.0	4.1	3.2	0.7	4.3	2.5	1.2	6.7	2.6	3.8	4.9	1.8	2.3
Feb.	3.1	1.9	1.1	2.9	1.3	1.0	3.1	1.5	1.4	3.5	1.5	1.5	3.0	2.1	0.8	3.4	2.2	0.6	4.9	2.7	1.9	3.9	1.6	1.8
Mar.	3.8	2.3	1.3	3.7	1.6	1.3	3.5	2.0	1.4	3.5	1.5	1.4	3.6	2.5	0.9	3.9	2.3	0.9	4.8	2.8	1.8	5.4	2.0	2.4
Apr.	3.6	2.1	1.1	3.5	1.5	1.3	4.3	2.5	1.6	4.1	1.6	2.0	3.6	2.6	0.8	4.1	2.4	1.1	4.3	2.2	1.7	4.5	1.8	1.8
May	4.1	2.7	1.1	3.7	1.7	1.4	5.0	3.4	1.3	4.7	1.9	2.1	4.1	3.3	0.6	4.0	2.6	0.9	4.9	2.5	2.0	5.2	1.9	2.6
Jun.	4.3	3.0	1.0	3.6	1.7	1.3	5.1	3.6	1.2	4.4	2.0	1.7	4.3	3.6	0.5	4.0	2.5	0.8	4.7	2.5	1.8	5.1	2.0	2.2
Jul.	4.0	2.2	1.6	4.3	1.6	2.1	5.8	3.0	2.6	4.3	1.9	1.8	4.8	2.6	2.0	6.5	2.3	3.4	4.8	2.1	2.4	6.7	1.9	3.9
Aug.	4.2	2.7	1.2	5.0	2.9	1.4	5.4	3.5	1.4	4.6	3.1	0.8	4.4	3.4	0.9	6.2	3.7	0.4	5.3	2.6	2.4	6.5	2.8	2.7
Sep.	4.0	2.7	1.0	4.4	2.3	1.5	5.0	3.4	1.4	5.0	2.5	1.8	3.9	3.0	0.7	4.9	3.1	1.3	5.3	2.8	2.0	5.5	2.3	2.5
Oct.	3.7	2.5	1.0	3.8	1.7	1.5	4.2	2.9	1.1	4.8	2.0	1.9	4.4	3.1	1.1	4.1	2.3	1.2	5.1	2.7	2.2	5.1	1.9	2.6
Nov.	3.0	1.9	1.0	3.6	1.3	1.7	3.5	2.2	1.1	4.2	1.7	1.7	2.9	1.9	0.8	3.8	1.9	1.4	3.6	1.7	1.7	5.5	1.4	3.6
Dec.	2.4	1.2	1.0	3.3	0.9	1.9	3.1	1.6	1.3	3.8	1.2	1.9	1.9	1.3	0.4	3.3	1.2	1.5	3.1	1.0	1.8	5.3	0.9	3.8
1980																								
Jan.	3.7	2.0	1.5	3.6	1.4	1.6	2.6	1.4	1.1	4.4	1.4	2.4	3.7	2.6	1.0	3.9	1.9	1.4	6.0	2.8	3.0	4.8	1.7	2.4

Year & Month	Paper & Allied Products						Printing & Publishing						Chemicals						Petroleum & Coal Products					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.7	2.0		3.5	1.6	1.3	2.4	1.9		2.6	1.4	0.7	2.2	1.6		2.3	1.0	0.7	1.4	1.1		1.4	0.6	0.3
1975	3.4	1.0		3.7	0.7	2.5	2.0	1.1		2.5	0.8	1.3	2.2	0.9		2.4	0.5	1.4	1.1	0.8		1.1	0.3	0.3
1976	2.5	1.5	0.9	2.4	0.8	1.1	2.3	1.5	0.6	2.3	0.9	0.9	2.1	1.2	0.7	1.9	0.6	0.8	1.5	1.0	0.2	1.6	0.4	0.3
1977	2.6	1.5	0.9	2.7	0.9	1.3	2.2	1.5	0.6	2.1	1.0	0.7	2.0	1.3	0.6	2.0	0.7	0.6	1.4	1.1	0.1	1.5	0.5	0.3
1978	2.7	1.7	0.8	2.6	1.1	0.9	2.5	1.8	0.6	2.4	1.2	0.8	2.0	1.4	0.5	1.8	0.7	0.5	1.4	1.1	0.2	1.5	0.5	0.4
1979																								
Jan.	2.5	1.2	1.1	3.4	0.9	1.8	2.8	2.2	0.6	2.9	1.2	1.1	1.6	1.2	0.3	1.7	0.6	0.5	1.0	0.7	0.2	1.1	0.3	0.5
Feb.	2.0	1.1	0.8	1.9	0.8	0.6	2.4	1.6	0.7	1.9	1.1	0.5	1.5	1.2	0.3	1.4	0.5	0.3	1.0	0.6	0.3	1.2	0.4	0.2
Mar.	2.4	1.4	0.8	1.9	1.0	0.4	2.7	1.7	1.0	2.0	1.1	0.6	2.1	1.6	0.4	1.4	0.7	0.3	1.2	0.9	0.2	0.7	0.3	0.1
Apr.	2.6	1.6	0.8	2.5	1.1	0.8	2.4	1.8	0.5	2.3	1.2	0.8	1.6	1.1	0.3	1.2	0.6	0.4	2.0	1.1	0.8	1.2	0.5	0.4
May	3.8	2.6	0.9	2.5	1.2	0.8	2.7	2.2	0.5	2.4	1.3	0.7	2.2	1.7	0.4	1.3	0.6	0.3	2.4	1.6	0.4	1.0	0.4	0.2
Jun.	4.1	3.2	0.7	2.0	1.1	0.5	3.3	2.6	0.6	2.4	1.3	0.8	3.0	2.4	0.4	1.5	0.7	0.4	2.8	2.6	0.1	1.2	0.2	0.3
Jul.	4.3	2.6	1.6	3.6	1.2	1.7	2.4	1.7	0.6	2.1	1.2	0.6	1.6	1.2	0.3	1.4	0.7	0.4	2.7	2.3	0.2	1.1	0.4	0.2
Aug.	3.6	2.6	0.9	4.5	2.7	0.8	2.5	1.9	0.1	3.2	2.2	0.4	1.9	1.6	0.3	2.8	1.9	0.4	1.4	0.9	0.1	3.6	2.5	0.4
Sep.	3.2	2.8	0.2	4.4	2.7	1.0	2.8	2.3	0.4	2.7	1.8	0.6	2.0	1.5	0.3	2.5	1.2	0.8	1.7	1.4	0.2	1.8	1.1	0.1
Oct.	2.8	2.2	0.5	2.9	1.2	1.0	3.0	2.5	0.4	2.2	1.3	0.5	1.9	1.4	0.4	1.7	0.7	0.6	1.1	0.9	0.1	1.4	0.3	0.5
Nov.	2.4	1.6	0.7	2.8	1.1	1.0	2.4	1.8	0.5	2.2	1.1	0.8	1.4	0.9	0.4	1.2	0.6	0.3	0.9	0.8	0.1	1.5	0.4	0.7
Dec.	1.6	0.9	0.6	2.6	0.7	1.5	2.5	1.5	0.9	1.7	0.8	0.5	1.3	0.9	0.2	1.2	0.4	0.5	0.7	0.6	N	1.5	0.3	1.1
1980																								
Jan.	2.7	1.1	1.4	3.1	0.8	1.5	2.7	1.9	0.8	2.2	1.0	0.8	1.8	1.3	0.4	1.9	0.6	0.5	1.1	0.8	0.1	1.2	0.4	0.4

Year & Month	Rubber & Plastics						Leather Goods					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.4	3.0		5.2	2.3	1.8	7.1	5.6		8.6	5.1	2.6
1975	3.7	1.1		4.9	0.9	3.1	6.8	5.1		7.0	3.5	2.6
1976	4.1	2.2	1.6	3.7	1.3	1.5	6.4	4.7	1.4	7.2	3.9	2.4
1977	3.5	2.3	1.0	3.6	1.4	1.3	6.6	4.9	1.3	6.8	4.1	1.8
1978	3.3	2.2	0.8	3.2	1.5	1.0	7.0	5.0	1.5	8.0	4.8	2.4
1979												
Jan.	3.8	2.6	1.0	2.7	1.2	0.8	7.7	4.8	2.2	6.5	3.7	2.1
Feb.	3.0	2.0	0.8	2.7	1.2	0.9	4.4	3.4	0.5	5.4	3.2	1.5
Mar.	3.1	2.2	0.6	3.5	1.5	1.1	6.8	4.7	1.5	8.3	4.5	2.8
Apr.	3.8	2.2	1.4	3.4	1.2	1.4	6.7	4.9	1.5	8.2	4.7	2.5
May	4.8	3.2	1.2	3.2	1.5	0.8	7.9	5.8	1.5	8.2	5.4	1.4
Jun.	4.5	3.4	0.7	2.9	1.2	1.0	7.8	5.7	1.5	7.3	4.5	2.1
Jul.	3.1	2.0	0.8	3.2	1.4	1.0	5.5	4.0	1.0	9.9	4.5	4.9
Aug.	3.9	2.8	0.7	5.6	3.3	1.3	10.4	6.5	3.7	10.8	6.7	3.4
Sep.	3.5	2.4	0.6	4.4	2.3	1.2	6.2	4.6	1.1	8.0	6.0	1.3
Oct.	3.1	2.1	0.7	3.5	1.3	1.1	5.6	4.9	0.4	7.0	4.5	1.7
Nov.	2.5	1.3	0.9	2.8	1.0	1.2	4.5	3.6	0.6	6.7	3.2	3.0
Dec.	1.8	1.0	0.7	3.0	0.6	1.7	4.3	2.2	1.8	5.6	2.4	2.3
1980												
Jan.	4.5	2.6	1.8	3.9	1.9	1.4	7.4	5.2	1.8	6.1	3.5	1.8

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N = Negligible

TABLE 18. LABOR TURNOVER RATES IN PENNSYLVANIA
DURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	All Manufacturing						Durable Goods						Furniture & Fixtures						Stone, Clay & Glass					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	3.4	2.2		3.9	1.6	1.6	2.9	1.9		3.2	1.2	1.3	5.0	3.5		7.0	2.9	3.0	3.6	2.0		4.6	1.4	2.5
1975	3.3	1.4		3.9	0.8	2.3	2.8	0.9		3.7	0.6	2.5	5.8	2.0		6.1	1.2	4.1	3.9	1.0		4.6	0.7	3.3
1976	3.3	1.5	1.5	3.5	0.9	1.9	2.9	1.0	1.6	3.1	0.6	1.8	5.1	2.8	2.0	5.2	1.8	2.5	3.7	1.3	2.3	3.5	0.7	2.2
1977	3.4	1.7	1.5	3.5	1.0	1.8	3.1	1.3	1.6	3.2	0.7	1.8	6.4	3.8	2.4	5.6	2.1	2.5	3.9	1.4	2.4	3.6	0.8	2.2
1978	3.0	1.8	0.9	2.9	1.2	1.1	2.6	1.5	0.9	2.4	0.8	0.9	4.8	4.0	0.6	4.7	2.7	1.0	2.7	1.6	1.0	2.8	0.9	1.2
1979																								
Jan.	3.3	1.9	1.2	3.1	1.0	1.4	2.8	1.6	0.9	2.7	0.7	1.1	4.0	3.4	0.5	5.0	2.1	1.8	2.1	0.9	1.1	4.1	0.7	2.8
Feb.	2.6	1.6	0.9	2.5	0.9	0.9	2.4	1.4	0.8	2.3	0.7	1.5	3.7	2.3	1.5	4.2	1.6	1.5	2.6	0.8	1.6	2.4	0.5	1.2
Mar.	3.1	1.8	1.0	2.9	1.1	1.0	2.6	1.5	0.9	2.3	0.8	0.8	4.1	3.5	0.3	5.7	2.4	1.9	3.8	1.0	2.7	2.6	0.7	1.4
Apr.	2.9	1.7	0.9	2.8	1.1	1.0	2.5	1.5	0.8	2.3	0.8	0.6	4.2	3.1	0.6	6.0	2.0	2.9	3.8	1.7	2.0	2.4	0.7	1.2
May	3.6	2.3	1.0	2.8	1.2	0.9	3.2	2.0	0.9	2.2	0.9	0.6	7.8	4.3	3.3	6.9	2.2	3.2	3.8	2.3	1.3	1.9	0.8	0.6
Jun.	3.6	2.6	0.7	2.8	1.2	1.0	3.1	2.3	0.6	2.3	0.9	0.8	6.5	3.8	2.4	4.6	2.4	0.8	3.6	2.6	0.7	2.3	0.8	1.0
Jul.	3.2	1.8	1.1	3.3	1.1	1.6	2.7	1.6	0.9	2.7	0.8	1.2	6.6	3.5	3.0	7.5	2.0	4.5	2.7	1.7	0.9	2.4	0.8	1.1
Aug.	3.5	2.2	1.0	4.2	2.3	1.2	3.0	1.8	0.9	3.7	1.8	1.1	6.9	5.2	1.6	6.8	4.4	0.7	2.9	1.7	1.1	4.1	2.1	1.4
Sep.	3.1	2.1	0.7	3.5	1.6	1.2	2.5	1.6	0.6	3.0	1.2	1.0	5.3	4.9	0.3	6.0	3.1	1.4	2.7	1.3	1.3	3.0	1.3	1.1
Oct.	2.9	1.9	0.8	3.1	1.1	1.3	2.4	1.5	0.7	2.7	0.8	1.2	3.8	3.1	0.5	3.9	2.0	0.9	1.7	1.0	0.5	3.1	0.7	1.9
Nov.	2.3	1.3	0.8	3.0	0.8	1.6	1.8	0.9	0.6	2.7	0.6	1.6	2.8	2.1	0.6	4.4	1.4	2.2	2.0	0.7	1.1	2.2	0.5	1.3
Dec.	1.9	0.9	0.9	3.1	0.6	2.0	1.6	0.7	0.8	3.0	0.4	2.0	2.5	1.4	1.0	3.6	1.1	1.8	1.4	0.4	0.9	3.9	0.3	3.2
1980																								
Jan.	3.2	1.5	1.4	3.4	0.9	1.7	2.9	1.2	1.4	3.2	0.6	1.8	3.5	2.1	1.3	5.3	1.2	3.3	2.7	0.6	1.9	4.0	0.5	2.9

Year & Month	Primary Metals						Fabricated Metals						Machinery except Electrical						Electric & Electronic Equipment					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.3	1.5		2.3	0.9	0.8	3.7	2.4		4.1	1.4	1.8	2.6	2.1		2.3	1.2	0.4	2.2	1.4		2.9	1.1	1.1
1975	3.0	0.5		4.3	0.3	3.3	2.8	1.1		3.8	0.6	2.5	1.7	0.9		2.7	0.6	1.5	1.6	0.4		2.8	0.4	1.8
1976	3.3	0.6	2.4	3.3	0.4	2.2	2.7	1.1	1.5	3.5	0.6	2.2	2.4	0.9	1.4	2.8	0.6	1.7	2.1	1.0	0.7	2.2	0.6	0.9
1977	2.9	0.8	1.8	3.2	0.4	2.0	3.3	1.3	1.8	3.4	0.7	2.1	3.2	1.0	2.0	3.5	0.6	2.3	2.5	1.2	0.8	2.6	0.7	1.2
1978	2.5	1.1	1.2	2.4	0.5	1.1	3.1	1.6	1.2	3.0	0.9	1.3	2.1	1.4	0.5	1.6	0.7	0.4	2.3	1.3	0.7	2.3	0.8	0.8
1979																								
Jan.	3.0	1.3	1.4	2.4	0.4	1.0	3.4	1.9	1.2	3.2	0.8	1.6	2.2	1.6	0.3	1.6	0.8	0.3	2.5	1.4	0.7	2.4	0.7	0.9
Feb.	2.3	1.3	0.8	1.8	0.4	0.5	2.6	1.7	0.7	2.7	0.7	1.3	1.7	1.4	0.2	1.3	0.6	0.2	2.2	1.2	0.6	2.2	0.7	0.8
Mar.	1.9	1.2	0.5	1.8	0.4	0.6	3.0	1.8	1.1	2.5	0.8	1.0	1.8	1.4	0.2	1.7	0.8	0.3	2.4	1.4	0.7	2.4	0.8	0.8
Apr.	2.0	1.1	0.7	1.9	0.4	0.7	2.8	1.8	0.9	3.1	0.9	1.6	1.6	1.2	0.2	1.3	0.7	0.2	2.5	1.4	0.7	2.3	0.8	0.5
May	3.3	1.8	1.1	1.6	0.5	0.4	3.8	2.4	1.1	2.5	1.1	0.7	1.9	1.6	0.2	1.5	0.8	0.2	2.9	1.8	0.6	2.4	1.0	0.6
Jun.	2.6	2.0	0.3	1.4	0.5	0.2	3.7	2.5	1.0	3.5	1.0	1.7	2.4	2.1	0.2	1.9	0.9	0.5	2.9	2.1	0.5	1.7	0.8	0.3
Jul.	2.2	1.4	0.6	2.3	0.5	0.8	3.3	1.9	1.1	3.3	0.9	1.7	2.0	1.3	0.5	1.9	0.7	0.7	2.9	1.6	1.0	2.8	0.8	1.5
Aug.	2.0	1.2	0.5	3.4	1.7	0.8	4.7	2.4	1.9	4.6	2.0	1.9	2.3	1.5	0.6	2.3	1.3	0.4	3.0	2.1	0.5	3.9	2.0	1.0
Sep.	1.7	1.0	0.5	3.4	1.0	1.6	3.3	2.3	0.7	3.0	1.2	1.1	1.8	1.5	0.2	2.0	0.9	0.5	2.4	1.5	0.4	2.3	1.2	0.4
Oct.	2.1	0.9	0.9	2.8	0.5	1.6	3.2	2.1	1.1	3.1	0.9	1.4	1.7	1.4	0.2	1.5	0.7	0.4	1.9	1.2	0.3	2.2	0.7	0.8
Nov.	1.7	0.7	0.9	2.3	0.3	1.4	2.4	1.4	0.9	2.7	0.6	1.5	1.4	1.1	0.2	1.3	0.6	0.4	1.5	0.9	0.2	1.9	0.5	0.8
Dec.	1.9	0.4	1.2	3.7	0.3	2.9	2.0	0.9	0.9	3.9	0.5	2.8	1.2	0.8	0.2	1.1	0.4	0.3	1.5	0.7	0.5	1.8	0.5	0.8
1980																								
Jan.	2.6	0.7	1.6	2.9	0.4	1.7	3.9	1.4	2.2	4.2	0.6	2.9	1.9	1.5	0.3	1.6	0.7	0.5	2.7	1.3	0.8	2.6	0.8	1.0

Year & Month	Transportation Equipment						Instruments & Related						Miscellaneous Manufacturing					
	Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.2	2.2		4.2	1.1	2.0	2.9	2.4		2.8	1.4	0.7	3.8	2.6		4.8	1.8	2.3
1975	3.5	1.3		3.9	0.6	2.2	1.9	1.1		2.2	0.6	1.0	3.2	1.0		3.3	0.7	2.1
1976	3.2	1.1	1.6	3.5	0.5	2.0	2.1	1.4	0.5	1.8	0.7	0.6	2.6	1.5	0.9	2.7	0.8	1.2
1977	3.0	1.6	1.1	2.8	0.6	1.4	2.1	1.6	0.3	1.7	0.8	0.4	2.7	1.5	1.1	2.7	0.8	1.3
1978	3.0	1.5	1.0	2.5	0.7	1.0	2.0	1.6	0.2	1.7	0.9	0.3	2.9	1.9	0.9	2.9	1.0	1.2
1979																		
Jan.	2.9	1.7	0.8	2.8	0.8	0.9	2.3	2.1	0.1	1.6	0.7	0.2	4.1	2.4	1.6	3.8	0.7	2.2
Feb.	2.0	1.3	[illegible]	[illegible]	0.5	1.4	2.6	2.4	0.1	2.5	1.1	0.3	3.2	1.6	1.4	2.3	0.8	0.6
Mar.	2.7	1.6	0.7	2.8	0.9	1.0	2.2	1.9	0.1	1.4	0.9	0.2	3.6	2.3	1.3	2.7	0.9	0.7
Apr.	3.1	1.4	1.3	2.9	0.7	1.1	2.0	1.4	0.5	1.7	0.9	0.3	3.3	1.6	1.6	3.0	0.9	1.1
May	3.1	1.5	1.2	2.5	0.6	0.9	2.7	1.9	0.6	2.0	0.9	0.5	3.5	2.3	1.0	2.2	1.1	0.3
Jun.	2.7	1.7	0.6	3.8	0.6	1.9	2.9	2.3	0.4	2.0	1.0	0.4	6.0	4.4	1.4	2.4	1.4	0.5
Jul.	3.2	1.4	1.2	3.0	0.6	1.4	1.5	1.2	0.1	2.1	0.8	0.8	3.3	1.5	1.7	4.1	1.4	2.2
Aug.	3.1	1.4	1.2	3.4	1.1	1.4	7.9	1.2	0.5	2.6	1.5	0.3	4.8	3.4	1.3	6.2	3.7	1.9
Sep.	3.1	1.7	1.0	3.1	1.0	1.2	1.5	1.2	0.2	3.0	1.1	1.0	4.0	3.2	0.6	3.8	2.0	1.0
Oct.	3.3	2.0	0.7	3.4	0.9	1.3	1.4	1.2	0.1	1.6	0.8	0.4	4.0	2.4	1.5	3.2	1.8	0.5
Nov.	2.2	0.7	1.1	6.2	0.6	4.7	1.5	1.0	0.4	1.4	0.6	0.4	1.6	1.1	0.4	6.6	1.5	4.5
Dec.	1.7	0.4	0.9	3.0	0.3	2.2	1.1	0.7	0.3	1.0	0.5	0.1	1.2	0.6	0.6	5.4	0.7	4.4
1980																		
Jan.	3.6	1.7	1.5	3.8	0.6	1.8	1.8	1.3	0.4	2.0	0.6	0.5	2.0	1.2	0.7	4.8	1.2	2.9

N = Negligible

5/23/80

S6845-1

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

PENNSYLVANIA EMPLOYMENT AND EARNINGS

APRIL 1980
Vol. XXV No. 4

JOB
SERVICE

– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives."

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing to:
PENNSYLVANIA BUREAU OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING-ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 – 787-3129

Issued: April 1980 Reference: Mid-March

PENNSYLVANIA EMPLOYMENT & EARNINGS

MARCH 1980

Total unemployment in Pennsylvania, both adjusted and unadjusted for seasonal influences, showed practically no change in March.

Seasonally adjusted, the volume of unemployment was estimated at 367,000, down 3,000 from February. The rate of unemployment remained stable at 6.8 percent of the total civilian labor force. It marked the second month in a row that the seasonally adjusted rate was below 7.0 percent. The levels also were close to a year ago. In March 1979, seasonally adjusted employment was 362,000 and the rate, 6.9 percent.

The unadjusted volume of unemployment dropped by 4,000 from February to an estimated March figure of 415,000. This difference was insufficient to change the rate of unemployment which stayed at 7.8 percent for the third successive month.

While there was little change overall, differing movements occurred among some of its components. Male unemployment was up and female, down. Nonwhites fared better than whites as did those in the 16-24 years age group compared with those between 25 and 44 years.

Nationwide, the March seasonally adjusted rate of unemployment was 6.2 percent of the total civilian labor force, up from 6.0 percent in February. The unadjusted rate was 6.6 percent - off moderately from February's 6.8 percent.

TOTAL NON-AG JOBS RISE BUT FACTORY JOBS CONTINUE DOWNWARD

Total nonagricultural wage and salary workers increased by 14,000 between February and March, an expected development but one far below last year's performance. Not surprisingly, the nonmanufacturing sector accounted for the payroll additions as manufacturing employment slipped slightly.

Factory employment recorded its sixth consecutive monthly loss in jobs - only 900 from February but totaling almost 27,000 since September.

In contrast to the experience of the past half year, durable goods did not account for the continuing downtrend. Indeed, there was a reversal of form as employment rose by approximately 600. The upturn was a product of gains in STONE, CLAY and GLASS, particularly its glass container subdivision, FABRICATED METALS, on the strength of advances in structural metal products and metal forgings and stampings, TRANSPORTATION EQUIPMENT, notably its shipbuilding and repair sector, and INSTRUMENTS, where the measuring and controlling devices segment was the principal contributor. These were sufficient to overcome extensions of cutbacks in PRIMARY METALS, in which basic steel and foundries displayed weakness, NONELECTRICAL MACHINERY, suffering from a poor performance by general industrial machinery, and ELECTRIC and ELECTRONIC EQUIPMENT, affected, at least partially, by a strike.

NONDURABLES RESPONSIBLE WITH STRIKES PROMINENT

Nondurables, hurt severely by labor-management disputes, were off by 1,500 workers. The effects of these strikes were especially noticeable in the bakery products division of FOOD and the petroleum refining division of PETROLEUM and COAL, resulting in employment reductions in both these major industries. Joined by a significant cutdown in RUBBER, on the closing of some tire production plants, the losses more than counterbalanced moderate gains in CHEMICALS (drugs and paints), PRINTING and PUBLISHING (lithographing), APPAREL (men's and boys' furnishings) and lesser ones in TEXTILES and PAPER.

Compared with last March, factory jobs were under by close to 11,000, due entirely to nondurables - with APPAREL, the major culprit. NONELECTRICAL MACHINERY provided the brightest showing.

LENGTH OF WORKWEEK SHORTENS AGAIN

If the long heralded onset of the depression was evident anywhere in these statistics, it was in production hours, the average workweek in manufacturing and one of the more sensitive indicators of the economy, which continued to slip. The 38.6 hours production workweek was the lowest since February 1978 when it was 38.4. Among the major industry groups only stone, clay and glass, petroleum and coal and printing and publishing deviated from the general trend between February and March while chemicals was unchanged.

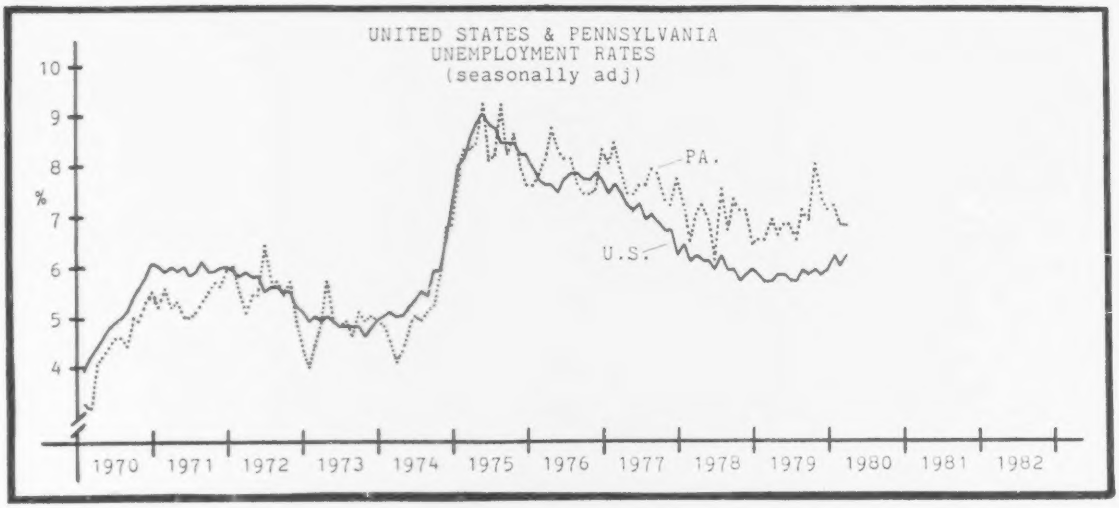
Manufacturing average hourly earnings in March were $7.41, an increase of seven cents over February. Although premium paid overtime hours worked were a factor, the bulk of the increase could be attributed to wage increases in such durable goods industries as stone, clay and glass, fabricated metals, electric and electronic equipment and transportation equipment.

Nationwide, in March, on the basis of preliminary data, hourly earnings averaged $7.05 for a 39.8 hour week.

NONMANUFACTURING JOB INCREASES BELOW NORMAL

The increasing uncertainties in the economy were reflected in the nonmanufacturing data. Although nonmanufacturing jobs climbed by 14,900, the gain was significantly below that which usually occurs between February and March. This was especially true in CONSTRUCTION, which, while posting a small increase, failed to respond to the stimulus of better weather to the degree it usually does. RETAIL TRADE and SERVICES movements behaved similarly - up, but not to the normal extent. And this, despite such favorable influences as the Easter shopping season in retail trade and the return of educational service nonprofessional workers from the semester break.

On the surface, year ago comparisons appeared pleasing with the nonmanufacturing group, as a whole, on the plus side. The 29,400 job gain, however, was achieved primarily through job additions in previous months in SERVICES.



EMPLOYMENT DATA IN THIS PUBLICATION HAVE BEEN REVISED TO FIRST QUARTER 1979 BENCHMARKS, AND ARE THEREFORE NOT STRICTLY COMPARABLE WITH FIGURES PUBLISHED PRIOR TO JANUARY 1978. DATA ARE BASED ON INDUSTRY CLASSIFICATION IN ACCORDANCE WITH THE REVISED 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL.

[illegible] data for most recent month are preliminary and subject to [illegible]

ADDITIONAL NOTATION ON PAGE [illegible]

Table 1. Resident Employment, Unemployment and Unemployed Rate (Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1962	4,474.2	4,110.5	363.7	8.1		70,614.0	66,702.0	3,911.0	5.5	
1963	4,422.9	4,090.0	332.9	7.5		71,833.0	67,762.0	4,070.0	5.7	
1964	4,430.9	4,155.2	275.7	6.2		73,091.0	69,305.0	3,786.0	5.2	
1965	4,469.3	4,263.4	205.9	4.6		74,455.0	71,088.0	3,366.0	4.5	
1966	4,558.3	4,395.0	163.3	3.6		75,770.0	72,895.0	2,875.0	3.8	
1967	4,637.0	4,467.0	170.0	3.7		77,347.0	74,372.0	2,975.0	3.8	
1968	4,634.0	4,475.0	159.0	3.4		78,737.0	75,920.0	2,817.0	3.6	
1969	4,720.0	4,566.0	154.0	3.3		80,734.0	77,902.0	2,832.0	3.5	
1970	4,828.0	4,610.0	218.0	4.5		82,715.0	78,627.0	4,088.0	4.9	
1971	4,801.0	4,542.0	260.0	5.4		84,113.0	79,120.0	4,993.0	5.9	
1972	4,870.0	4,607.0	264.0	5.4		86,542.0	81,702.0	4,840.0	5.6	
1973	4,988.0	4,747.0	241.0	4.8		88,714.0	84,409.0	4,304.0	4.9	
1974	5,036.0	4,778.0	258.0	5.1		91,011.0	85,935.0	5,076.0	5.6	
1975	5,068.0	4,646.0	421.0	8.3		92,613.0	84,783.0	7,830.0	8.5	
1976	5,094.0	4,690.0	404.0	7.9		94,773.0	87,485.0	7,288.0	7.7	
1977	5,165.0	4,767.0	398.0	7.7		97,401.0	90,546.0	6,855.0	7.0	
1978	5,255.0	4,891.0	364.0	6.9		100,420.0	94,373.0	6,047.0	6.0	
1979	5,296.0	4,930.0	366.0	6.9		102,908.0	96,945.0	5,963.0	5.8	
1979 Mar	5,271.0	4,860.0	411.0	7.8	6.9	101,665.0	95,501.0	6,165.0	6.1	5.7
Apr	5,179.0	4,860.0	320.0	6.2	6.3	101,236.0	95,675.0	5,561.0	5.5	5.8
May	5,209.0	4,915.0	294.0	5.6	6.6	101,473.0	96,220.0	5,253.0	5.2	5.8
Jun	5,333.0	4,950.0	383.0	7.2	6.6	104,153.0	97,917.0	6,235.0	6.0	5.7
Jul	5,387.0	5,047.0	340.0	6.3	6.3	104,995.0	98,891.0	6,104.0	5.8	5.7
Aug	5,339.0	4,967.0	372.0	7.0	7.3	104,363.0	98,226.0	6,137.0	5.9	5.9
Sep	5,290.0	4,933.0	356.0	6.7	7.1	103,373.0	97,576.0	5,798.0	5.6	5.8
Oct	5,348.0	4,923.0	425.0	7.9	8.3	103,939.0	98,158.0	5,781.0	5.6	5.9
Nov	5,359.0	4,990.0	368.0	6.9	7.5	103,719.0	97,943.0	5,776.0	5.6	5.8
Dec	5,331.0	4,978.0	354.0	6.6	7.3	103,884.0	98,047.0	5,836.0	5.6	5.9
1980 Jan	5,332.0	4,918.0	414.0	7.8	7.2	103,188.0	96,145.0	7,043.0	6.8	6.2
Feb	5,363.0	4,944.0	419.0	7.8	6.8	103,257.0	96,264.0	6,993.0	6.8	6.0
Mar	5,357.0	4,941.0	415.0	7.8	6.8	103,351.0	96,546.0	6,805.0	6.6	6.2

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From--	
	Mar. 1980	Feb. 1980	Mar. 1979	Feb. 1980	Mar. 1979
TOTAL CIVILIAN LABOR FORCE	5,357.0	5,363.0	5,271.0	-6.0	86.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	415.0	419.0	411.0	-4.0	4.0
% CIVILIAN LABOR FORCE	7.8	7.8	7.8	0.0	0.0
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	367.0	370.0	362.0	-3.0	5.0
% CIVILIAN LABOR FORCE	6.8	6.8	6.9	-0.0	-0.1
TOTAL EMPLOYMENT	4,941.0	4,944.0	4,860.0	-3.0	81.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From--	
	Mar. 1980	Feb. 1980	Mar. 1979	Feb. 1980	Mar. 1979
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,774.1	4,760.1	4,756.1	14.0	18.0
LABOR-MANAGEMENT DISPUTES	5.9	5.9	6.5	0.0	-0.6
ALL MANUFACTURING INDUSTRIES	1,371.1	1,372.0	1,381.9	-0.9	-10.8
TOTAL NONMANUFACTURING INDUSTRIES	3,397.1	3,382.2	3,367.7	14.9	29.4
Mining	49.6	50.2	51.9	-0.6	-2.3
Anthracite	3.1	3.2	3.1	-0.1	0.0
Bituminous	37.8	38.4	40.8	-0.6	-3.0
Nonmetallic minerals	4.5	4.3	4.3	0.2	0.2
Contract Construction	180.9	179.1	177.2	1.8	3.7
General building	50.9	50.9	51.5	0.0	-0.6
Heavy construction	22.5	22.0	28.8	0.5	-6.3
Special trades	107.5	106.2	96.9	1.3	10.6
Transportation	162.4	162.1	169.9	0.3	-7.5
Railroads	41.6	41.6	43.0	0.0	-1.4
Public Utilities	104.0	103.9	102.4	0.1	1.6
Communications	54.6	54.6	53.8	0.0	0.8
Electric, gas & sanitary service	49.4	49.3	48.6	0.1	0.8
Electric systems	23.6	23.5	23.2	0.1	0.4
Gas production	11.6	11.6	11.3	0.0	0.3
Wholesale trade	239.5	240.3	235.1	-0.8	4.4
Retail trade	721.9	719.5	735.1	2.4	-13.2
General merchandise stores	118.2	117.2	121.9	1.0	-3.7
Department stores	104.0	103.1	107.0	0.9	-3.0
Finance, insurance & real estate	238.7	238.0	231.4	0.7	7.3
Banking	79.1	78.8	76.1	0.3	3.0
Commercial & stock savings	72.9	72.6	70.3	0.3	2.6
Credit agencies & securities	29.8	30.0	29.4	-0.2	0.4
Insurance	70.7	70.2	68.8	0.5	1.9
Life insurance	26.4	26.3	26.1	0.1	0.3
Fire, marine & casualty	29.7	29.4	28.6	0.3	1.1
Services	977.5	971.1	931.5	6.4	46.0
Business services	128.6	127.8	120.7	0.8	7.9
Health services	306.1	305.4	299.5	0.7	6.6
Nursing & personal care	50.6	50.1	48.3	0.5	2.3
Hospitals	188.0	187.4	182.3	0.6	5.7
Educational service	156.1	149.7	129.1	6.4	27.0
Miscellaneous services	45.9	46.0	44.3	-0.1	1.6
Engineering & architectural	28.7	28.6	27.7	0.1	1.0
Government	722.6	718.0	733.2	4.6	-10.6
Federal	131.7	131.7	130.2	0.0	1.5
State & local	590.9	586.3	603.0	4.6	-12.1

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS

(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manufacturing	Total Non-Manufacturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.0	3,853.8	1,341.5	3,223.5	48.0	183.9	939.0	221.7	717.2
1978	4,724.6	3,999.7	1,369.2	3,355.4	46.8	199.0	983.7	230.8	752.9
1979	4,830.6	4,107.9	1,389.8	3,440.8	52.0	205.8	990.0	238.1	751.9
1979 Mar.	4,749.6	4,016.4	1,381.9	3,367.7	51.9	177.2	970.2	235.1	735.1
Apr.	4,819.4	4,082.9	1,389.5	3,429.9	52.2	197.9	987.4	237.1	750.3
May	4,863.0	4,122.0	1,392.2	3,470.8	52.1	209.8	996.3	237.8	758.5
Jun.	4,911.3	4,175.5	1,409.8	3,501.5	52.7	218.3	1,001.8	240.6	761.2
Jul.	4,852.6	4,142.8	1,397.1	3,455.5	52.3	226.8	987.8	241.1	746.7
Aug.	4,845.7	4,137.7	1,390.4	3,455.3	51.9	227.1	986.6	240.6	746.0
Sep.	4,855.9	4,157.7	1,398.0	3,457.9	52.5	225.6	989.5	237.5	752.0
Oct.	4,896.8	4,182.8	1,394.6	3,502.2	51.4	225.1	1,002.7	240.0	762.7
Nov.	4,855.5	4,128.2	1,390.2	3,465.3	51.9	220.0	1,006.8	240.8	766.0
Dec.	4,882.5	4,154.3	1,383.7	3,498.8	51.1	209.7	1,012.9	240.6	772.3
1980 Jan.	4,779.1	4,062.6	1,374.3	3,404.8	50.7	190.5	978.9	240.3	738.6
Feb.	4,754.2	4,036.2	1,372.0	3,382.2	50.2	179.1	959.8	240.3	719.5
Mar.	4,768.2	4,045.6	1,371.1	3,397.1	49.6	180.9	966.4	239.5	721.9

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.4	137.6	513.8
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.2	136.4	521.8
1974	161.1	104.4	207.3	773.6	154.9	618.7	681.5	136.6	544.9
1975	154.0	102.5	207.3	798.5	159.8	638.7	720.9	134.4	586.5
1976	155.4	101.1	211.4	839.7	165.5	674.2	721.6	131.8	589.8
1977	160.7	100.7	217.5	862.4	171.1	691.3	711.2	128.1	583.0
1978	165.7	101.5	226.6	907.2	177.9	729.3	724.9	129.5	595.4
1979	169.5	103.5	235.4	961.8	184.6	777.2	722.7	131.6	591.2
1979 Mar.	169.9	102.4	231.4	931.5	182.3	749.2	733.2	130.2	603.0
Apr.	169.3	102.5	232.7	951.4	182.9	768.5	736.5	130.8	605.7
May	172.5	102.9	234.7	961.5	183.1	778.4	741.0	131.2	609.8
Jun.	173.2	104.2	238.4	977.1	185.9	791.2	735.8	132.9	602.9
Jul.	166.3	105.0	239.5	968.0	186.7	781.3	709.8	133.5	576.3
Aug.	166.1	105.0	239.4	971.2	186.0	785.2	708.0	132.6	575.4
Sep.	170.9	104.0	236.9	980.3	185.6	794.7	698.2	131.4	566.8
Oct.	172.3	103.9	237.1	995.7	185.9	809.8	714.0	131.1	582.9
Nov.	171.3	104.0	237.7	946.9	186.4	760.5	726.7	132.1	594.6
Dec.	168.5	104.0	237.9	986.5	186.2	800.3	728.2	132.8	595.4
1980 Jan.	163.3	103.8	237.7	963.4	186.8	776.6	716.5	131.9	584.6
Feb.	162.1	103.9	238.0	971.1	187.4	783.7	718.0	131.7	586.3
Mar.	162.4	104.0	238.7	977.5	188.0	789.5	722.6	131.7	590.9

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

FEBRUARY 1980

Industry	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979
All Manufacturing	1,372.0	2.8	3.2	2.6	1.4	1.5	1.6	1.2	1.4	0.9
Durable Goods	845.8	2.4	2.8	2.4	1.1	1.2	1.4	1.1	1.3	0.8
Furniture & Fixtures	20.0	3.7	3.5	3.7	2.2	1.9	2.3	1.3	1.5	1.5
Stone, Clay & Glass Products	62.0	2.5	2.5	2.6	0.5	0.6	0.8	1.9	1.8	1.6
Primary Metal Industries	197.3	2.4	2.5	2.3	0.6	0.7	1.3	1.5	1.5	0.8
Fabricated Metal Products	115.8	2.9	4.2	2.6	1.3	1.4	1.7	1.3	2.5	0.7
Machinery, exc. Electrical	146.7	1.6	1.9	1.7	1.2	1.5	1.4	0.3	0.3	0.2
Electric & Electronic Equip.	127.1	1.9	2.4	2.2	1.0	1.3	1.2	0.4	0.6	0.6
Transportation Equipment	86.5	3.1	2.9	2.0	1.3	1.4	1.3	1.5	1.2	0.4
Instruments & Related Products	43.0	1.9	1.7	2.6	1.4	1.2	2.4	0.3	0.4	0.1
Miscellaneous Manufacturing	24.7	4.0	2.3	3.2	1.5	1.3	1.6	2.5	0.9	1.4
Nondurable Goods	526.2	3.3	3.8	3.1	1.9	2.0	1.9	1.2	1.6	1.1
Food & Kindred Products	97.7	2.9	2.6	3.1	1.4	1.4	1.5	1.3	1.1	1.4
Textile Mill Products	47.1	4.3	3.9	3.0	2.9	2.8	2.1	1.3	1.0	0.8
Apparel & Related Products	126.0	5.4	6.8	4.9	2.7	2.9	2.7	2.4	3.6	1.9
Paper & Allied Products	43.5	2.7	2.4	2.0	1.6	1.1	1.1	1.0	1.1	0.8
Printing & Publishing	73.4	2.2	2.7	2.4	1.6	1.9	1.6	0.6	0.8	0.7
Chemicals & Allied Products	61.1	1.8	1.7	1.5	1.2	1.1	1.2	0.4	0.4	0.3
Petroleum & Coal Products	15.7	0.9	1.2	1.0	0.5	0.9	0.6	0.3	0.1	0.3
Rubber & Plastics Products	41.1	2.2	3.2	3.0	1.3	1.7	2.0	0.7	1.2	0.8
Leather & Leather Products	17.4	5.4	7.0	4.4	4.0	5.0	3.4	1.3	1.7	0.5

Industry	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979
All Manufacturing	1,372.0	2.9	3.3	2.5	0.9	0.9	0.9	1.3	1.7	0.9
Durable Goods	845.8	2.8	3.1	2.3	0.6	0.6	0.6	1.4	1.8	0.9
Furniture & Fixtures	20.0	3.7	5.3	4.2	1.3	1.3	1.6	1.6	3.2	1.5
Stone, Clay & Glass Products	62.0	2.8	3.9	2.4	0.5	0.5	0.5	1.9	2.8	1.2
Primary Metal Industries	197.3	2.5	2.8	1.8	0.4	0.3	0.4	1.3	1.6	0.5
Fabricated Metal Products	115.8	3.1	4.4	2.7	0.6	0.6	0.7	1.8	3.0	1.3
Machinery, exc. Electrical	146.7	1.7	1.7	1.3	0.7	0.7	0.6	0.5	0.5	0.2
Electric & Electronic Equip.	127.1	3.3	2.5	2.2	0.7	0.7	0.7	1.5	0.9	0.8
Transportation Equipment	86.5	3.5	3.4	2.9	0.5	0.5	0.5	2.0	1.8	1.4
Instruments & Related Products	43.0	2.1	2.1	2.5	0.6	0.6	1.1	1.0	0.7	0.3
Miscellaneous Manufacturing	24.7	3.7	4.7	2.3	0.9	1.2	0.8	2.0	2.7	0.6
Nondurable Goods	526.2	3.1	3.7	2.9	1.3	1.3	1.3	1.1	1.7	1.0
Food & Kindred Products	97.7	3.4	4.4	3.5	1.1	1.4	1.5	1.6	2.4	1.5
Textile Mill Products	47.1	3.7	3.9	3.4	2.3	1.9	2.2	0.8	1.3	0.6
Apparel & Related Products	126.0	3.8	4.7	3.9	1.7	1.7	1.6	1.4	2.3	1.8
Paper & Allied Products	43.5	2.8	2.8	1.9	0.6	0.8	0.8	1.5	1.3	0.6
Printing & Publishing	73.4	2.2	2.4	1.9	1.2	1.0	1.1	0.6	0.9	0.5
Chemicals & Allied Products	61.1	1.6	1.9	1.4	0.5	0.6	0.5	0.2	0.6	0.3
Petroleum & Coal Products	15.7	1.2	1.1	1.2	0.3	0.4	0.4	0.1	0.2	0.2
Rubber & Plastics Products	41.1	3.8	4.0	2.7	0.9	1.2	1.2	2.1	2.1	0.9
Leather & Leather Products	17.4	5.3	6.1	5.4	3.3	3.6	3.2	1.2	1.8	1.5

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Mar. 1980	Feb. 1980	Mar. 1979	Feb. 1980	Mar. 1979
	TOTAL MANUFACTURING INDUSTRIES	1,371.1	1,372.0	1,381.9	-0.9	-10.8
	TOTAL DURABLE GOODS	846.4	845.8	845.8	0.6	0.6
24	Lumber & wood products	22.7	22.7	22.2	0.0	0.5
243	Millwork, plywood & structural	7.0	7.1	7.3	-0.1	-0.3
	Other lumber & wood products	15.7	15.6	14.9	0.1	0.8
25	Furniture & fixtures	20.0	20.0	20.2	0.0	-0.2
251	Household furniture	9.6	9.5	9.6	0.1	0.0
252	Office furniture	4.7	4.7	4.9	0.0	-0.2
	Other furniture & fixtures	5.7	5.8	5.7	-0.1	0.0
32	Stone, clay & glass products	62.5	62.0	64.2	0.5	-1.7
322	Glass & glassware, pressed or blown	16.1	15.8	17.0	0.3	-0.9
3221	Glass containers	8.3	8.1	9.2	0.2	-0.9
3229	Other pressed or blown glass	7.8	7.7	7.8	0.1	0.0
324	Hydraulic cement	3.2	3.1	3.4	0.1	-0.2
325	Structural clay products	6.4	6.4	6.6	0.0	-0.2
326	Pottery & related products	5.1	5.2	5.3	-0.1	-0.2
327	Concrete, gypsum & plaster products	8.4	8.2	8.3	0.2	0.1
	Other stone, clay & glass products	23.3	23.3	23.6	0.0	-0.3
33	Primary metal industries	196.7	197.3	201.6	-0.6	-4.9
331	Blast furnace & basic steel products	147.1	147.4	150.2	-0.3	-3.1
3312	Blast furnaces & steel mills	133.9	134.4	137.6	-0.5	-3.7
	Other basic steel products	13.2	13.0	12.6	0.2	0.6
332	Iron & steel foundries	20.3	20.6	20.8	-0.3	-0.5
3321	Gray iron foundries	7.7	8.0	8.2	-0.3	-0.5
3325	Steel foundries, n.e.c.	7.6	7.6	7.5	0.0	0.1
3322,4	Malleable iron & steel invest.	5.0	5.0	5.1	0.0	-0.1
335	Nonferrous rolling & drawing	13.0	12.9	12.7	0.1	0.3
336	Nonferrous foundries	7.8	7.7	7.8	0.1	0.0
	Other primary metal products	8.5	8.7	10.1	-0.2	-1.6
34	Fabricated metal products, (incl. ordnance)	116.5	115.8	115.5	0.7	1.0
341	Metal cans & shipping containers	4.9	5.0	5.1	-0.1	-0.2
342	Cutlery, hand tools & hardware	7.8	7.7	7.7	0.1	0.1
343	Plumbing & heating exc. electrical	3.6	3.5	3.5	0.1	0.1
344	Fabricated structural metal products	37.0	36.6	36.0	0.4	1.0
3441	Fabricated structural metal	9.3	9.2	9.2	0.1	0.1
3443	Fabricated plate work (boiler shops)	11.3	11.3	11.2	0.0	0.1
	Other fabricated struct. metal products	16.4	16.1	15.6	0.3	0.8
345	Screw machine products, bolts, etc.	9.2	9.1	9.0	0.1	0.2
346	Metal forgings & stampings	21.3	21.1	21.6	0.2	-0.3
3462	Iron & steel forgings	6.6	6.6	6.4	0.0	0.2
	Other metal forgings & stampings	14.7	14.5	15.2	0.2	-0.5
347,8	Metal services & ordnance, n.e.c.	8.2	8.2	8.2	0.0	0.0
349	Misc. fabricated metal products	24.5	24.6	24.4	-0.1	0.1
3494	Valves & pipe fittings	11.2	11.1	10.9	0.1	0.3
	Other misc. fabricated metal products	13.3	13.5	13.5	-0.2	-0.2
35	Machinery, exc. electrical	146.4	146.7	140.9	-0.3	5.5
351	Engines & turbines	7.2	7.3	7.6	-0.1	-0.4
352	Farm & garden machinery	4.8	4.7	4.4	0.1	0.4
353	Construction & related machinery	26.0	26.0	25.4	0.0	0.6
3531	Construction machinery	9.5	9.3	9.6	0.2	-0.1
3535	Conveyors & conveying equipment	3.3	3.4	3.4	-0.1	-0.1
	Other construction & related machinery	13.2	13.3	12.4	-0.1	0.8
354	Metal working machinery	24.8	24.8	22.3	0.0	2.5
355	Special industry machinery	13.8	13.7	13.0	0.1	0.8
356	General industrial machinery	29.7	30.0	29.5	-0.3	0.2
3561	Pumps & pumping equipment	3.9	4.0	3.9	-0.1	0.0
3562	Ball & roller bearings	4.3	4.4	4.4	-0.1	-0.1
3563	Air & gas compressors	5.4	5.4	5.4	0.0	0.0
3567	Industrial furnaces & ovens	4.1	4.1	4.0	0.0	0.1
	Other general industrial machinery	12.0	12.1	11.8	-0.1	0.2

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(cont.)

Industry Detail

(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Mar. 1980	Feb. 1980	Mar. 1979	Feb. 1980	Mar. 1979
357	Office and computing machines	12.9	12.9	12.5	0.0	0.4
358	Refrigeration & service industry machinery	11.9	12.0	11.8	-0.1	0.1
359	Misc. machinery, exc. electrical	15.3	15.3	14.4	0.0	0.9
36	Electric & electronic equipment	126.7	127.1	125.9	-0.4	0.8
361	Electric distributing equipment	18.5	18.6	20.4	-0.1	-1.9
3612	Transformers	6.1	6.2	6.4	-0.1	-0.3
3613	Switchgear & switchboard apparatus	12.4	12.4	14.0	0.0	-1.6
362	Electrical industrial apparatus	24.0	24.0	23.9	0.0	0.1
363	Household appliances	4.5	4.6	4.5	-0.1	0.0
364	Electric lighting & wiring equipment	22.7	22.4	22.2	0.3	0.5
3643	Current-carrying wiring devices	11.4	11.0	11.1	0.4	0.3
	Other electric light & wiring equipment	11.3	11.4	11.1	-0.1	0.2
366	Communication equipment	9.0	9.1	8.7	-0.1	0.3
367	Electronic components & accessories	37.2	37.4	34.9	-0.2	2.3
3674	Semiconductors & related devices	12.8	12.8	11.2	0.0	1.6
	Other electronic components & accessories	24.4	24.6	23.7	-0.2	0.7
	Other electrical equipment & supplies	10.8	11.0	11.3	-0.2	-0.5
37	Transportation equipment	86.9	86.5	86.5	0.4	0.4
371	Motor vehicles & equipment	29.6	29.5	32.7	0.1	-3.1
3714	Motor vehicle parts & accessories	11.8	11.4	12.7	0.4	-0.9
	Other motor vehicles & equipment	17.8	18.1	20.0	-0.3	-2.2
372	Aircraft & parts	12.2	12.3	11.6	-0.1	0.6
373	Ship & boat building & repairing	8.3	7.9	7.7	0.4	0.6
374	Railroad equipment	23.7	23.9	23.4	-0.2	0.3
	Other transportation equipment	13.1	12.9	11.1	0.2	2.0
38	Instruments & related products	43.3	43.0	42.6	0.3	0.7
382	Measuring & controlling devices	23.9	23.7	23.5	0.2	0.4
384	Medical instruments & supplies	11.6	11.6	11.7	0.0	-0.1
	Other instruments & related products	7.8	7.7	7.4	0.1	0.4
39	Miscellaneous manufacturing industries	24.7	24.7	26.2	0.0	-1.5
	TOTAL NONDURABLE GOODS	524.7	526.2	536.1	-1.5	-11.4
20	Food & kindred products	97.1	97.7	98.4	-0.6	-1.3
201	Meat products	16.9	16.6	16.0	0.3	0.9
2011	Meat packing plants	5.4	5.4	5.2	0.0	0.2
2013	Sausages & other prepared meats	5.7	5.6	5.7	0.1	0.0
2016,7	Poultry dressing & processing	5.8	5.6	5.1	0.2	0.7
202	Dairy products	11.7	11.4	11.4	0.3	0.3
2026	Fluid milk	6.8	6.7	6.8	0.1	0.0
	Other dairy products	4.9	4.7	4.6	0.2	0.3
203	Preserved fruits & vegetables	11.5	12.0	12.8	-0.5	-1.3
2033	Canned fruits & vegetables	4.9	5.1	5.6	-0.2	-0.7
	Other preserved fruits & vegetables	6.6	6.9	7.2	-0.3	-0.6
204	Grain mill products	5.2	5.1	4.8	0.1	0.4
205	Bakery products	18.8	19.5	19.7	-0.7	-0.9
2051	Bread, cake & related products	14.5	14.7	15.1	-0.2	-0.6
2052	Cookies & crackers	4.3	4.8	4.6	-0.5	-0.3
206	Sugar & confectionery products	15.3	15.4	15.7	-0.1	-0.4
2065	Confectionery products	6.1	6.1	6.5	0.0	-0.4
2066	Chocolate & cocoa products	6.1	6.2	5.9	-0.1	0.2
	Other sugar products	3.1	3.1	3.3	0.0	-0.2
208	Beverages	9.3	9.2	9.6	0.1	-0.3
	Other food & kindred products	8.4	8.5	8.4	-0.1	0.0
21	Tobacco manufacturers	3.2	3.2	3.8	0.0	-0.6
22	Textile mill products	47.3	47.1	48.9	0.2	-1.6
222	Weaving mills, synthetics	4.5	4.4	4.5	0.1	0.0
225	Knitting mills	24.1	24.0	24.5	0.1	-0.4
2253	Knit outerwear mills	12.3	12.3	12.8	0.0	-0.5
2254	Knit underwear mills	4.8	4.8	5.0	0.0	-0.2
	Other knitting mills	7.0	6.9	6.7	0.1	0.3
227	Floor covering mills	3.9	3.6	4.0	0.3	-0.1
228	Yarn & thread mills	4.7	4.9	5.3	-0.2	-0.6
	Other textile mill products	10.1	10.2	10.6	-0.1	-0.5

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TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(concl.) Industry Detail

(Thousands)

SIC	Industry	Total – All Employees Mar. 1980	Feb. 1980	Mar. 1979	Net Change From – Feb. 1980	Mar. 1979
23	Apparel & other textile products	126.4	126.0	132.3	0.4	-5.9
231	Mens & boys suits & coats	14.8	14.9	15.2	-0.1	-0.4
232	Mens & boys furnishings	24.4	24.2	25.0	0.2	-0.6
2321	Mens & boys shirts & nightwear	8.7	8.9	9.3	-0.2	-0.6
2327	Mens & boys separate trousers	6.2	6.1	6.3	0.1	-0.1
	Other furnishings and work clothing	9.5	9.2	9.4	0.3	0.1
233	Womens & misses outerwear	57.7	57.6	61.5	0.1	-3.8
234	Women & childrens undergarments	10.1	10.0	10.4	0.1	-0.3
236	Childrens outerwear	6.8	7.0	7.5	-0.2	-0.7
	Other apparel & textile products	12.6	12.3	12.7	0.3	-0.1
26	Paper & allied products	43.6	43.5	44.6	0.1	-1.0
262	Paper mills exc. building paper	11.8	11.8	12.0	0.0	-0.2
265	Paper board containers & boxes	14.2	14.5	15.3	-0.3	-1.1
2653	Corrugated & solid fiber boxes	7.5	7.7	8.0	-0.2	-0.5
	Other paperboard containers	6.7	6.8	7.3	-0.1	-0.6
	Other paper & allied products	17.6	17.2	17.3	0.4	0.3
27	Printing & publishing	74.0	73.4	71.8	0.6	2.2
271	Newspapers	26.1	26.1	25.5	0.0	0.6
273	Books	8.2	8.1	8.1	0.1	0.1
275	Commercial printing	21.3	20.9	20.5	0.4	0.8
2752	Lithographing	10.8	10.4	10.1	0.4	0.7
	Other commercial printing	10.5	10.5	10.4	0.0	0.1
276	Manifold business forms	3.8	3.8	3.7	0.0	0.1
	Other printing & publishing	14.6	14.5	14.0	0.1	0.6
28	Chemicals & allied products	61.7	61.1	60.4	0.6	1.3
281	Industrial inorganic chemicals	11.1	11.2	10.6	-0.1	0.5
282	Plastic materials & synthetics	8.7	8.7	8.6	0.0	0.1
283	Drugs	17.7	17.3	16.9	0.4	0.8
284	Soap, cleaners & toliet goods	3.2	3.2	3.2	0.0	0.0
285	Paints & allied products	4.4	4.2	4.5	0.2	-0.1
	Other chemical & allied products	16.6	16.5	16.6	0.1	0.0
29	Petroleum & coal products	14.4	15.7	16.5	-1.3	-2.1
291	Petroleum refining	10.8	12.1	13.1	-1.3	-2.3
	Other petroleum & coal products	3.6	3.6	3.4	0.0	0.2
30	Rubber & misc. plastic products	39.7	41.1	41.6	-1.4	-1.9
301	Tires & inner tubes	6.0	7.1	8.0	-1.1	-2.0
306	Fabricated rubber products	5.2	5.2	5.3	0.0	-0.1
	Other rubber & plastic products, n.e.c.	28.5	28.8	28.3	-0.3	0.2
31	Leather & leather products	17.3	17.4	17.8	-0.1	-0.5
314	Footwear, exc. rubber	13.5	13.6	13.8	-0.1	-0.3
3143	Mens footwear, exc. athletic	5.1	5.3	5.5	-0.2	-0.4
3144	Womens footwear, exc. athletic	4.6	4.6	4.5	0.0	0.1
	Other footwear	3.8	3.7	3.8	0.1	0.0
	Other leather & leather products	3.8	3.8	4.0	0.0	-0.2

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979
TOTAL MANUFACTURING INDUSTRIES	$286.03	$286.26	$274.44	38.6	39.0	40.3	$7.41	$7.34	$6.81
TOTAL DURABLE GOODS	324.72	324.80	313.50	39.6	40.0	41.8	8.20	8.12	7.50
Lumber & wood products	214.62	213.88	191.57	38.6	39.1	38.7	5.56	5.47	4.95
Millwork, plywood & structural	211.31	211.25	197.51	37.4	38.2	38.5	5.65	5.53	5.13
Other lumber & wood products	215.83	214.88	188.57	39.1	39.5	38.8	5.52	5.44	4.86
Furniture & fixtures	237.46	238.39	215.36	38.8	39.6	39.3	6.12	6.02	5.48
Household furniture	209.76	211.53	196.72	38.0	39.1	38.8	5.52	5.41	5.07
Office furniture	252.88	256.62	234.42	38.2	39.0	39.8	6.62	6.58	5.89
Other furniture & fixtures	275.52	271.26	232.43	41.0	41.1	39.8	6.72	6.60	5.84
Stone, clay & glass products	308.39	300.85	292.72	40.9	40.6	42.3	7.54	7.41	6.92
Glass & glassware,pressed or blown	262.44	250.99	273.48	36.4	35.4	40.1	7.21	7.09	6.82
Glass containers	231.19	214.42	292.45	31.8	30.5	41.6	7.27	7.03	7.03
Other pressed or blown glass	293.97	287.74	251.14	41.0	40.3	38.4	7.17	7.14	6.54
Hydraulic cement	432.60	370.59	375.72	42.0	37.7	41.7	10.30	9.83	9.01
Structural clay products	268.77	266.13	263.94	39.7	39.9	41.5	6.77	6.67	6.36
Pottery & related products	282.05	284.38	272.79	41.6	42.7	43.3	6.78	6.66	6.30
Concrete, gypsum & plaster prods.	271.67	274.01	266.15	38.7	39.2	41.2	7.02	6.99	6.46
Other stone, clay & glass prods.	371.54	367.02	327.33	46.5	46.4	45.4	7.99	7.91	7.21
Primary metal industries	391.79	393.02	387.74	37.6	37.9	42.1	10.42	10.37	9.21
Blast furnace & basic steel prods.	416.72	418.38	418.05	36.3	36.7	42.1	11.48	11.40	9.93
Blast furnaces & steel mills	421.37	422.82	422.35	35.8	36.2	41.9	11.77	11.68	10.08
Other basic steel products	373.15	376.26	372.07	41.6	41.9	44.4	8.97	8.98	8.38
Iron & steel foundries	315.59	318.79	297.11	40.1	40.2	40.7	7.87	7.93	7.30
Gray iron foundries	304.76	299.65	291.81	40.1	39.9	41.1	7.60	7.51	7.10
Steel foundries, n.e.c.	319.14	323.59	305.96	39.4	39.9	40.1	8.10	8.11	7.63
Malleable iron & steel invest.	327.54	343.61	292.84	41.2	41.2	40.9	7.95	8.34	7.16
Nonferrous rolling & drawing	329.57	334.85	305.44	41.3	41.7	42.6	7.98	8.03	7.17
Nonferrous foundries	298.85	297.47	279.29	43.0	43.3	43.1	6.95	6.87	6.48
Other primary metal products	316.30	318.97	306.88	42.4	42.7	42.8	7.46	7.47	7.17
Fabricated metal prods., incl. ordn.	299.25	298.56	287.04	39.9	40.4	41.3	7.50	7.39	6.95
Metal cans & shipping containers	341.28	339.01	364.52	39.5	40.6	46.2	8.64	8.35	7.89
Cutlery, hand tools & hardware	242.99	245.22	221.76	39.9	40.2	38.3	6.09	6.10	5.79
Plumbing & heating exc. electrical	288.69	283.85	261.02	41.3	40.9	42.1	6.99	6.94	6.20
Fabricated structural metal prods.	282.82	287.03	261.23	39.5	40.2	39.7	7.16	7.14	6.58
Fabricated struct. metal	288.17	289.17	264.48	35.1	35.7	35.5	8.21	8.10	7.45
Fab. plate work (boiler shops)	295.30	295.82	285.35	40.9	41.2	43.3	7.22	7.18	6.59
Other fab. struct. metal prods.	271.58	281.23	243.36	40.9	42.1	39.7	6.64	6.68	6.13
Screw machine products, bolts,etc.	303.56	288.86	271.74	41.3	40.8	42.0	7.35	7.08	6.47
Metal forgings & stampings	368.55	355.39	361.20	39.8	39.4	43.0	9.26	9.02	8.40
Iron & steel forgings	312.12	314.91	319.37	40.8	41.6	43.1	7.65	7.57	7.41
Other metal forgings & stampings	387.70	369.40	374.52	39.4	38.6	42.9	9.84	9.57	8.73
Metal services & ordnance, n.e.c.	267.44	285.53	270.03	39.1	42.3	41.8	6.84	6.75	6.46
Misc. fabricated metal products	283.31	284.38	273.24	40.3	40.8	41.4	7.03	6.97	6.60
Valves & pipe fittings	295.08	287.85	271.67	40.7	40.6	41.1	7.25	7.09	6.61
Other misc. fab. metal products	274.40	281.39	274.14	40.0	40.9	41.6	6.86	6.88	6.59
Machinery, exc. electrical	329.43	329.33	310.17	41.7	41.9	42.9	7.90	7.86	7.23
Engines & turbines	357.86	343.15	298.69	42.4	40.9	41.6	8.44	8.39	7.18
Farm & garden machinery	438.48	436.46	387.87	50.4	50.4	49.6	8.70	8.66	7.82
Construction & related machinery	325.92	328.16	325.71	38.8	39.3	42.3	8.40	8.35	7.70
Construction machinery	325.01	324.76	343.20	36.6	37.2	42.9	8.88	8.73	8.00
Conveyors & conveying equipment	310.99	315.84	247.74	41.3	42.0	39.2	7.53	7.52	6.32
Other constr. & related mach.	329.24	332.51	320.12	40.2	40.5	42.4	8.19	8.21	7.55
Metal working machinery	321.60	317.98	311.25	40.1	40.2	41.5	8.02	7.91	7.50
Special industry machinery	318.10	319.88	287.58	41.8	42.2	41.2	7.61	7.58	6.98
General industrial machinery	340.52	347.10	319.12	43.6	44.5	44.2	7.81	7.80	7.22
Pumps & pumping equipment	334.14	320.80	293.72	41.1	41.5	41.9	8.13	7.73	7.01
Ball & roller bearings	279.72	329.30	312.44	37.8	42.6	42.8	7.40	7.73	7.30
Air & gas compressors	376.66	389.77	338.18	47.2	48.6	47.1	7.98	8.02	7.18
Industrial furnaces & ovens	313.91	307.32	301.90	40.4	39.0	41.3	7.77	7.88	7.31
Other general industrial mach.	356.46	354.95	324.18	45.7	45.8	44.9	7.80	7.75	7.22
Office and computing machines	380.95	362.46	343.83	44.4	42.0	45.3	8.58	8.63	7.59
Refrigeration & serv. ind. mach.	259.91	258.64	242.79	39.5	39.4	40.6	6.58	6.56	5.98
Misc. machinery, exc. electrical	318.33	318.86	298.76	42.5	42.8	44.0	7.49	7.45	6.79

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

(cont.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979
Electrical & electronic equipment	$282.49	$285.31	$264.68	39.9	40.7	41.1	$7.08	$7.01	$6.44
Electric distributing equipment	342.79	331.30	314.34	41.4	40.7	41.8	8.28	8.14	7.52
Transformers	324.30	321.83	311.74	39.5	39.2	43.6	8.21	8.21	7.15
Switchgear & switchbrd apparatus	351.94	336.57	314.93	42.3	41.5	40.9	8.32	8.11	7.70
Electrical industrial apparatus	273.86	278.39	271.35	38.9	39.6	40.5	7.04	7.03	6.70
Household appliances	234.18	258.61	255.30	34.9	38.2	38.8	6.71	6.77	6.58
Electric lighting & wiring equip.	286.48	284.86	249.83	41.7	42.9	41.5	6.87	6.64	6.02
Current-carrying wiring devices	323.18	313.88	252.95	45.2	46.5	41.4	7.15	6.75	6.11
Other elect lght & wirng equip.	262.01	267.40	247.76	39.4	40.7	41.5	6.65	6.57	5.97
Communication equipment	323.23	323.25	301.56	41.6	42.2	42.0	7.77	7.66	7.18
Electronic components & access.	276.48	283.56	250.92	40.9	41.7	42.1	6.76	6.80	5.96
Semiconductors & related devices	356.58	370.40	312.44	42.5	44.2	42.8	8.39	8.38	7.30
Other electronic comp.& access.	235.79	239.98	223.63	40.1	40.4	41.8	5.88	5.94	5.35
Other electrical equip. & supplies	224.38	241.12	232.32	34.1	36.7	38.4	6.58	6.57	6.05
Transportation equipment	348.88	349.74	341.88	39.6	40.2	42.0	8.81	8.70	8.14
Motor vehicles & equipment	354.11	342.53	368.05	38.7	38.4	42.5	9.15	8.92	8.66
Motor vehicle parts & access.	362.12	349.30	385.88	37.8	38.3	43.9	9.58	9.12	8.79
Other motor vehicles & equip.	347.90	337.15	356.10	39.4	38.4	41.6	8.83	8.78	8.56
Aircraft & parts	357.76	359.53	324.17	41.6	42.1	42.1	8.60	8.54	7.70
Ship & boat building & repairing	327.04	356.66	322.39	36.5	40.3	42.7	8.96	8.85	7.55
Railroad equipment	368.68	370.40	334.11	39.6	40.0	40.4	9.31	9.26	8.27
Other transportation equipment	295.67	305.92	292.54	43.1	44.4	44.8	6.86	6.89	6.53
Instruments & related products	269.89	275.93	263.55	39.4	40.4	41.9	6.85	6.83	6.29
Measuring & controlling devices	294.38	301.31	285.52	41.0	42.2	43.0	7.18	7.14	6.64
Medical instruments & supplies	229.95	234.24	231.34	36.5	37.3	40.8	6.30	6.28	5.67
Other instruments & related prods.	250.51	255.32	246.21	38.6	39.1	40.1	6.49	6.53	6.14
Misc. manufacturing industries	266.66	264.92	257.40	39.8	40.2	40.6	6.70	6.59	6.34
TOTAL NONDURABLE GOODS	225.57	227.10	215.65	37.1	37.6	38.1	6.08	6.04	5.66
Food & kindred products	259.90	260.95	247.02	39.2	39.3	40.1	6.63	6.64	6.16
Meat products	269.69	268.92	252.14	40.8	40.5	41.2	6.61	6.64	6.12
Meat packing plants	287.64	302.62	283.24	37.6	39.2	41.9	7.65	7.72	6.76
Sausages & other prepared meats	303:77	297.00	270.97	38.5	37.5	38.6	7.89	7.92	7.02
Poultry dressing & processing	226.05	216.58	203.35	45.3	44.2	42.9	4.99	4.90	4.74
Dairy products	284.96	280.30	264.81	41.6	41.1	41.9	6.85	6.82	6.32
Fluid milk	286.47	286.21	268.61	41.1	41.3	42.3	6.97	6.93	6.35
Other dairy products	283.92	275.26	261.66	42.0	40.9	41.6	6.76	6.73	6.29
Preserved fruits & vegetables	216.00	213.84	204.00	36.0	35.7	37.5	6.00	5.99	5.44
Canned fruits & vegetables	174.15	173.89	164.86	34.9	35.2	36.8	4.99	4.94	4.48
Other preserved fruits & vegs.	251.29	246.88	239.13	36.9	36.2	38.2	6.81	6.82	6.26
Grain mill products	311.58	323.44	266.66	43.7	45.3	39.8	7.13	7.14	6.70
Bakery products	236.23	245.22	233.92	38.6	38.8	38.6	6.12	6.32	6.06
Bread, cake & related products	258.30	241.92	235.35	38.9	37.8	38.9	6.64	6.40	6.05
Cookies & crackers	171.08	253.18	230.66	37.6	41.1	38.0	4.55	6.16	6.07
Sugar & confectionery products	255.14	263.84	257.04	36.5	37.8	40.1	6.99	6.98	6.41
Confectionery products	210.02	213.71	228.28	34.6	35.5	39.7	6.07	6.02	5.75
Chocolate & cocoa products	282.98	291.40	265.83	38.5	39.7	40.4	7.35	7.34	6.58
Other sugar products	298.00	317.88	308.66	36.7	39.1	40.4	8.12	8.13	7.64
Beverages	331.70	319.48	312.80	40.5	39.2	42.5	8.19	8.15	7.36
Other food & kindred products	239.09	225.83	229.93	40.8	39.9	42.5	5.86	5.66	5.41
Tobacco manufacturers	158.27	164.64	149.76	36.3	38.2	38.4	4.36	4.31	3.90
Textile mill products	186.13	185.71	178.87	37.3	37.9	38.8	4.99	4.90	4.61
Weaving mills, synthetics	200.90	209.75	207.44	40.1	41.7	44.9	5.01	5.03	4.62
Knitting mills	172.43	173.59	168.38	35.7	36.7	37.5	4.83	4.73	4.49
Knit outerwear mills	168.57	169.05	161.37	34.9	36.2	36.1	4.83	4.67	4.47
Knit underwear mills	153.18	158.24	158.62	34.5	35.8	38.5	4.44	4.42	4.12
Other knitting mills	193.29	193.03	191.12	37.9	38.3	39.9	5.10	5.04	4.79
Floor covering mills	244.41	224.64	234.47	40.6	38.4	42.4	6.02	5.85	5.53
Yarn & thread mills	181.54	178.32	159.56	37.9	37.7	37.9	4.79	4.73	4.21
Other textile mill products	196.35	197.96	184.12	38.5	39.2	38.6	5.10	5.05	4.77

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES (concl.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979
Apparel & other textile products	$147.23	$152.06	$140.91	31.8	32.7	33.0	$4.63	$4.65	$4.27
Mens & boys suits & coats	195.14	205.69	170.42	34.6	36.6	32.4	5.64	5.62	5.26
Mens & boys furnishings	150.04	154.16	145.60	34.1	34.8	35.0	4.40	4.43	4.16
Mens & boys shirts & nightwear	147.17	155.67	146.23	33.6	35.3	34.9	4.38	4.41	4.19
Mens & boys separate trousers	165.67	159.54	142.29	33.2	32.1	31.0	4.99	4.97	4.59
Other furnishings & wrk. clothng	142.10	149.04	147.43	35.0	36.0	37.9	4.06	4.14	3.89
Womens & misses outerwear	140.13	143.22	135.88	30.2	30.8	31.6	4.64	4.65	4.30
Women & childrens undergarments	127.20	133.20	133.56	31.8	33.3	36.0	4.00	4.00	3.71
Childrens outerwear	125.12	137.81	123.23	28.5	29.7	32.6	4.39	4.64	3.78
Other apparel & textile products	144.32	147.47	135.01	33.1	33.9	33.5	4.36	4.35	4.03
Paper & allied products	300.08	299.68	287.81	44.0	44.2	44.9	6.82	6.78	6.41
Paper mills exc. building paper	399.23	393.30	358.19	48.1	47.5	46.7	8.30	8.28	7.67
Paper board containers & boxes	275.71	278.39	261.04	39.9	40.7	41.7	6.91	6.84	6.26
Corrugated & solid fiber boxes	276.86	277.48	273.88	38.4	38.7	40.1	7.21	7.17	6.83
Other paperboard containers	273.90	278.85	248.11	41.5	42.9	43.3	6.60	6.50	5.73
Other paper & allied products	270.30	267.86	273.90	45.2	45.4	46.9	5.98	5.90	5.84
Printing & publishing	275.18	271.50	258.09	36.4	36.2	36.3	7.56	7.50	7.11
Newspapers	289.30	287.76	269.87	32.8	32.7	33.4	8.82	8.80	8.08
Books	215.63	220.17	202.92	35.7	35.8	35.6	6.04	6.15	5.70
Commercial printing	299.15	285.01	283.06	38.6	37.6	38.2	7.75	7.58	7.41
Lithographing	300.85	287.57	273.67	39.9	38.6	37.8	7.54	7.45	7.24
Other commercial printing	297.65	283.32	292.20	37.3	36.7	38.6	7.98	7.72	7.57
Manifold business forms	284.26	289.59	267.19	39.1	39.4	38.5	7.27	7.35	6.94
Other printing & publishing	260.26	260.8[illegible]	243.88	36.4	37.0	36.4	7.15	7.05	6.70
Chemicals & allied products	311.17	308.67	293.09	41.6	41.6	42.6	7.48	7.42	6.88
Industrial inorganic chemicals	332.83	332.38	329.00	44.2	44.2	46.6	7.53	7.52	7.06
Plastic materials & synthetics	315.29	313.59	279.55	41.0	41.1	41.6	7.69	7.63	6.72
Drugs	298.75	288.42	286.13	38.9	38.0	40.3	7.68	7.59	7.10
Soap, cleaners & toliet goods	284.03	283.72	269.67	43.9	44.4	44.5	6.47	6.39	6.06
Paints & allied products	266.42	268.28	283.03	36.1	36.5	40.9	7.38	7.35	6.92
Other chemical & allied products	322.34	324.58	292.58	43.5	44.1	42.9	7.41	7.36	6.82
Petroleum & coal products	429.57	394.12	375.11	43.7	42.7	42.1	9.83	9.23	8.91
Petroleum refining	446.48	401.17	391.56	42.2	41.4	41.7	10.58	9.69	9.39
Other petroleum & coal products	377.59	368.63	311.61	48.1	47.2	43.4	7.85	7.81	7.18
Rubber & misc. plastic products	229.90	232.85	242.69	38.9	39.4	41.7	5.91	5.91	5.82
Tires & inner tubes	351.96	358.70	374.12	41.9	42.4	47.0	8.40	8.46	7.96
Fabricated rubber products	274.39	273.61	267.01	41.7	41.9	43.7	6.58	6.53	6.11
Other rubber & plastic prods.,nec	201.25	199.68	203.09	37.9	38.4	39.9	5.31	5.20	5.09
Leather & leather products	170.48	174.87	151.40	39.1	40.2	37.2	4.36	4.35	4.07
Footwear, exc. rubber	158.00	162.63	137.35	37.8	39.0	35.4	4.18	4.17	3.88
Mens footwear, exc. athletic	178.27	182.23	157.20	40.7	41.7	40.0	4.38	4.37	3.93
Womens footwear, exc. athletic	149.95	153.64	121.20	37.3	38.7	31.4	4.02	3.97	3.86
Other footwear	140.70	145.08	131.33	34.4	35.3	34.2	4.09	4.11	3.84
Other leather & leather products	213.69	217.07	197.40	43.7	44.3	43.1	4.89	4.90	4.58
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	367.88	360.45	337.62	46.1	45.8	44.6	7.98	7.87	7.57
Bituminous coal & lignite mining	374.72	363.35	352.90	34.6	33.8	34.7	10.83	10.75	10.17
Nonmetallic minerals, exc. fuels	331.01	330.71	322.43	43.1	43.4	45.8	7.68	7.62	7.04
Communication	344.44	336.96	320.80	39.5	39.0	39.9	8.72	8.64	8.04
Electric, gas, & sanitary services	397.83	396.48	374.00	44.7	44.8	44.0	8.90	8.85	8.50
Electric services	416.98	406.62	380.88	47.6	46.9	46.0	8.76	8.67	8.28
Gas production & distribution	341.51	347.54	325.20	41.8	42.8	41.8	8.17	8.12	7.78
General merchandise stores	129.85	127.14	121.75	26.5	26.0	26.7	4.90	4.89	4.56
Banking	180.32	180.35	163.06	INA	INA	INA	INA	INA	INA
Insurance carriers	217.27	217.66	201.72	INA	INA	INA	INA	INA	INA
Life insurance	203.14	200.94	188.95	INA	INA	INA	INA	INA	INA
Fire, marine & casualty ins.	214.79	217.28	203.19	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$167.23	40.2	$4.16	$187.17	41.5	$4.51	$139.03	38.3	$3.63	$212.38	41.4	$5.13
1974	180.97	39.6	4.57	203.45	41.1	4.95	146.59	37.3	3.93	239.61	41.1	5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1979	278.10	39.9	6.97	316.83	41.2	7.69	219.06	37.9	5.78	397.16	41.5	9.57
1979 Mar.	274.44	40.3	6.81	313.50	41.8	7.50	215.65	38.1	5.66	387.74	42.1	9.21
Apr.	265.30	38.9	6.82	301.50	40.2	7.50	209.59	36.9	5.68	396.68	42.2	9.40
May	273.14	39.7	6.88	311.54	41.1	7.58	215.27	37.7	5.71	387.39	41.3	9.38
Jun.	278.29	40.1	6.94	316.30	41.4	7.64	218.12	38.0	5.74	397.00	42.1	9.43
Jul.	277.31	39.9	6.95	313.65	41.0	7.65	221.37	38.3	5.78	397.00	42.1	9.43
Aug.	279.49	39.7	7.04	317.79	40.9	7.77	221.92	38.0	5.84	399.75	41.0	9.75
Sep.	285.51	40.1	7.12	323.42	41.2	7.85	225.00	38.2	5.89	407.12	41.5	9.81
Oct.	284.57	39.8	7.15	323.05	41.1	7.86	224.37	37.9	5.92	397.39	40.8	9.74
Nov.	294.19	40.3	7.30	334.88	41.6	8.05	230.78	38.4	6.01	425.60	41.2	10.33
Dec.	291.34	39.8	7.32	329.65	40.9	8.06	231.87	38.2	6.07	408.35	39.8	10.26
1980 Jan.	285.38	39.2	7.28	322.81	40.2	8.03	227.10	37.6	6.04	386.32	37.8	10.22
Feb.	286.26	39.0	7.34	324.80	40.0	8.12	227.10	37.6	6.04	393.02	37.9	10.37
Mar.	286.03	38.6	7.41	324.72	39.6	8.20	225.57	37.1	6.08	391.79	37.6	10.42

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$182.68	41.9	$4.36	$198.77	43.4	$4.58	$167.69	40.8	$4.11	$197.69	41.1	$4.81
1974	196.24	41.4	4.74	209.78	42.9	4.89	175.96	39.9	4.41	215.54	40.9	5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1979	285.93	40.5	7.06	311.33	42.3	7.36	266.64	40.4	6.60	348.60	42.0	8.30
1979 Mar.	287.04	41.3	6.95	310.17	42.9	7.23	264.68	41.1	6.44	341.88	42.0	8.14
Apr.	261.23	38.7	6.75	286.63	40.2	7.13	250.63	39.1	6.41	311.65	39.4	7.91
May	288.23	41.0	7.03	303.47	41.8	7.26	261.55	40.3	6.49	333.33	41.0	8.13
Jun.	288.36	40.5	7.12	309.33	42.2	7.33	264.31	40.6	6.51	334.15	41.0	8.15
Jul.	282.80	40.0	7.07	303.99	41.7	7.29	259.24	39.7	6.53	334.55	40.7	8.22
Aug.	283.60	40.0	7.09	312.28	42.2	7.40	257.90	39.8	6.48	341.04	40.6	8.40
Sep.	286.80	40.0	7.17	318.33	42.5	7.49	271.62	40.3	6.74	350.26	41.5	8.44
Oct.	292.66	40.2	7.28	321.73	42.5	7.57	273.91	40.4	6.78	355.28	41.7	8.52
Nov.	299.30	41.0	7.30	329.84	43.4	7.60	283.73	41.3	6.87	349.76	41.1	8.51
Dec.	304.79	41.3	7.38	327.76	42.9	7.64	280.95	40.6	6.92	349.61	40.7	8.59
1980 Jan.	296.38	40.6	7.30	329.80	42.5	7.76	281.48	40.5	6.95	353.87	41.1	8.61
Feb.	298.56	40.4	7.39	329.33	41.9	7.86	285.31	40.7	7.01	349.74	40.2	8.70
Mar.	299.25	39.9	7.50	329.43	41.7	7.90	282.49	39.9	7.08	348.88	39.6	8.81

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$158.36	40.5	$3.91	$120.43	39.1	$3.08	$ 99.71	33.8	$2.95	$180.81	38.8	$4.66
1974	171.68	40.3	4.26	124.74	37.8	3.30	103.02	32.6	3.16	189.52	38.0	4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1979	251.20	40.0	6.28	178.26	38.5	4.63	143.44	32.6	4.40	263.87	36.7	7.19
1979 Mar.	247.02	40.1	6.16	178.87	38.8	4.61	140.91	33.0	4.27	258.09	36.3	7.11
Apr.	242.09	39.3	6.16	173.58	37.9	4.58	137.03	31.5	4.35	245.70	35.1	7.00
May	248.00	40.0	6.20	180.11	38.9	4.63	139.54	32.3	4.32	254.54	35.8	7.11
Jun.	248.58	39.9	6.23	182.82	39.4	4.64	143.77	32.9	4.37	256.68	36.0	7.13
Jul.	253.49	40.3	6.29	178.31	38.1	4.68	145.25	33.7	4.31	265.27	37.1	7.15
Aug.	256.07	40.2	6.37	180.01	38.3	4.70	142.79	32.6	4.38	266.35	37.2	7.16
Sep.	256.14	40.4	6.34	181.93	38.3	4.75	146.17	32.7	4.47	268.93	37.3	7.21
Oct.	248.77	39.3	6.33	185.85	38.8	4.79	148.98	32.6	4.57	265.70	36.8	7.22
Nov.	261.06	40.6	6.43	188.37	39.0	4.83	149.77	32.7	4.58	276.77	37.3	7.42
Dec.	266.18	40.7	6.54	186.73	38.5	4.85	147.23	31.8	4.63	291.39	38.8	7.51
1980 Jan.	259.24	39.7	6.53	191.12	38.5	4.99	149.12	32.0	4.66	274.91	37.0	7.43
Feb.	260.95	39.3	6.64	185.71	37.9	4.90	152.06	32.7	4.65	271.50	36.2	7.50
Mar.	259.90	39.2	6.63	186.13	37.3	4.99	147.23	31.8	4.63	275.18	36.4	7.56

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1969	$127.52	40.1	$3.18	112.7	109.8	$116.14	$ 11.38
1970	131.71	39.2	3.36	119.1	116.3	113.25	18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	230.0	120.91	157.19

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 - Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979
MANUFACTURING	988.8	989.6	993.3	38,170.0	38,637.6	40,028.2	282,736.5	283,545.3	272,751.9
DURABLE GOODS	604.4	602.9	601.8	23,906.5	24,120.4	25,124.3	195,982.8	195,912.3	188,331.2
NONDUR. GOODS	384.4	386.6	391.5	14,263.5	14,517.2	14,903.9	86,753.7	87,632.9	84,420.7

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Group

(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.5	809.3	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,369.2	828.0	21.9	20.2	63.8	199.2	112.5	137.8
1979	1,389.8	853.9	22.5	20.4	65.0	203.2	116.0	142.5
1979 Mar.	1,381.9	845.8	22.2	20.2	64.2	201.6	115.5	140.9
Apr.	1,389.5	852.0	22.8	20.3	64.3	201.6	116.0	143.6
May	1,392.2	855.2	22.9	20.2	65.0	202.5	115.9	143.4
Jun.	1,409.8	866.4	23.2	20.3	67.1	207.1	116.6	144.6
Jul.	1,397.1	861.9	22.9	19.7	67.0	206.8	114.7	142.9
Aug.	1,340.4	852.0	23.1	20.5	66.4	207.1	116.1	141.1
Sep.	1,398.0	861.5	23.0	20.8	65.6	204.7	116.0	143.2
Oct.	1,394.6	860.0	22.8	20.9	65.0	202.5	116.3	144.0
Nov.	1,390.2	857.2	22.2	20.8	64.5	201.9	116.2	142.5
Dec.	1,383.7	853.0	21.7	20.3	64.6	200.7	116.6	143.4
1980 Jan.	1,374.3	846.9	22.3	20.3	62.7	198.7	115.9	146.7
Feb.	1,372.0	845.8	22.7	20.0	62.0	197.3	115.8	146.7
Mar.	1,371.1	846.4	22.7	20.0	62.5	196.7	116.5	146.4

Year and Month	Electric and Electronic Equipment	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.3	37.3	27.8	532.2	98.8	3.6	49.4
1978	123.9	81.8	40.3	26.6	541.2	99.7	4.0	50.6
1979	127.1	87.8	42.9	26.6	536.0	100.1	3.6	48.4
1979 Mar.	125.9	86.5	42.6	26.2	536.1	98.4	3.8	48.9
Apr.	127.0	86.9	43.0	26.5	537.5	98.7	3.7	48.9
May	128.8	87.1	43.1	26.3	537.0	98.0	3.7	48.6
Jun.	128.3	88.4	43.7	27.1	543.4	99.6	3.7	49.1
Jul.	129.1	88.5	43.4	26.9	535.2	99.9	3.6	47.6
Aug.	119.4	87.5	43.4	27.4	538.4	101.7	3.5	48.4
Sep.	128.9	89.4	42.8	27.1	536.5	102.2	3.4	48.2
Oct.	128.4	90.1	42.7	27.3	534.6	102.2	3.3	48.0
Nov.	129.2	90.4	42.8	26.7	533.0	101.4	3.3	48.1
Dec.	128.9	88.1	42.8	25.9	530.7	102.1	3.2	47.5
1980 Jan.	129.2	83.3	43.1	24.7	527.4	99.3	3.3	46.7
Feb.	127.1	86.5	43.0	24.7	526.2	97.7	3.2	47.1
Mar.	126.7	86.9	43.3	24.7	524.7	97.1	3.2	47.3

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)
Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	135.2	61.0	44.4	71.1	59.9	17.3	39.9	19.2
1979	128.8	58.9	44.8	72.1	61.0	17.4	42.0	17.8
1979 Mar.	132.3	61.5	44.6	71.8	60.4	16.5	41.6	17.8
Apr.	132.5	61.6	44.8	71.7	60.6	17.2	41.6	17.8
May	131.5	60.5	44.5	72.0	60.9	17.6	42.2	18.0
Jun.	132.3	61.0	45.0	72.3	61.9	18.2	42.9	18.4
Jul.	127.1	57.9	45.1	72.2	62.0	18.1	42.6	17.0
Aug.	126.6	56.6	46.1	71.8	61.9	18.2	42.4	17.8
Sep.	126.5	57.0	45.4	71.7	61.2	17.9	42.4	17.6
Oct.	125.6	56.9	44.6	72.0	61.2	17.7	42.5	17.5
Nov.	124.6	56.5	44.2	72.8	61.1	17.8	42.3	17.4
Dec.	122.5	54.3	43.8	73.5	61.5	17.1	42.0	17.5
1980 Jan.	123.7	55.9	43.7	73.3	61.0	16.8	41.9	17.7
Feb.	126.0	57.6	43.5	73.4	61.1	15.7	41.1	17.4
Mar.	126.4	57.7	43.6	74.0	61.7	14.4	39.7	17.3

TABLE 12. SELECTED PENNSYLVANIA INDICES
(Not Adjusted)
1967 = 100

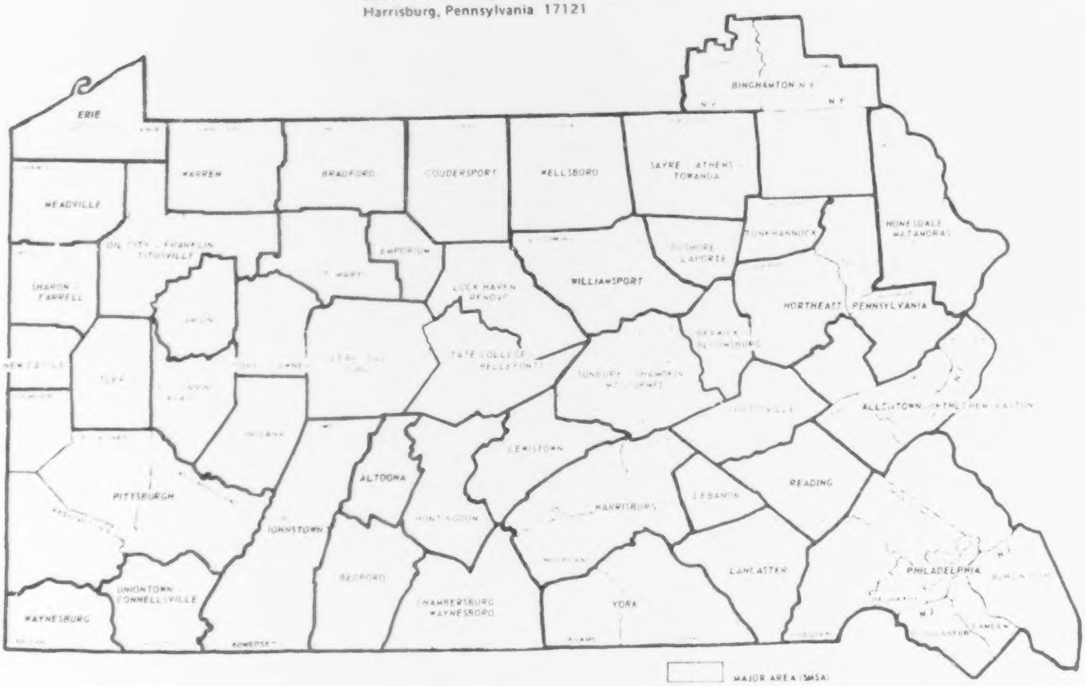
	1980		1979	1978	ANNUAL AVERAGE	
Industry Group	Mar.	Feb.	Mar.	Mar.	1979	1978
EMPLOYMENT						
All Manufacturing	88.1	88.1	88.8	86.4	89.3	87.9
Primary Metals	76.7	77.0	78.7	75.5	79.3	77.7
Apparel	70.4	70.2	73.7	74.9	71.7	75.3
All Nonmanufacturing	130.1	129.5	129.0	123.7	131.8	128.5
Construction	99.7	98.7	97.6	88.2	113.4	109.6
Retail Trade	125.7	125.2	128.0	126.1	130.9	131.0
Services	159.6	158.6	152.1	143.5	157.1	148.1
Government	127.4	126.6	129.3	129.1	127.4	127.8

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121


BINGHAMTON N.Y.
N.Y.
N.Y.
ERIE
WARREN
BRADFORD
COUDERSPORT
WELLSBORO
SAYRE - ATHENS - TOWANDA
MEADVILLE
OIL CITY - FRANKLIN TITUSVILLE
EMPORIUM
DUSHORE - LAPORTE
TUNKHANNOCK
HONESDALE MATAMORAS
SHARON - FARRELL
LOCK HAVEN RENOVO
WILLIAMSPORT
NORTHEAST PENNSYLVANIA
STATE COLLEGE BELLEFONTE
SUNBURY - SHAMOKIN MT. CARMEL
ALLENTOWN - BETHLEHEM - EASTON
INDIANA
LEWISTOWN
ALTOONA
READING
PITTSBURGH
LEBANON
HARRISBURG
HUNTINGDON
JOHNSTOWN
LANCASTER
PHILADELPHIA
UNIONTOWN - CONNELLSVILLE
BEDFORD
CHAMBERSBURG WAYNESBORO
YORK
WAYNESBURG
N.J.
MAJOR AREA (SMSA)

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN - BETHLEHEM - EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania; Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania; Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES MAJOR LABOR MARKET AREAS

(Per 100 Employees)
FEBRUARY 1980

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979
PENNSYLVANIA	1,372.0	2.8	3.2	2.6	1.4	1.5	1.6	1.2	1.4	0.9
ALLENTOWN-BETHLEHEM-EASTON	111.1	3.1	3.0	2.3	1.5	1.5	1.4	1.4	1.3	0.7
ALTOONA	13.5	1.5	3.1	1.1	0.8	2.0	0.5	0.6	1.0	0.5
ERIE	43.1	1.8	2.2	2.0	1.2	1.0	1.2	0.4	0.8	0.6
HARRISBURG	43.2	2.5	2.6	2.6	1.6	1.8	2.0	0.6	0.5	0.4
JOHNSTOWN	20.0	2.5	2.3	2.6	0.4	0.6	0.9	2.0	1.7	1.7
LANCASTER	59.8	2.5	2.6	2.6	1.6	1.8	2.0	0.6	0.5	0.4
NORTHEAST	74.5	3.8	5.5	3.8	1.8	2.0	2.1	1.8	3.2	1.4
SCRANTON	28.7	3.4	4.7	3.7	1.7	1.8	2.3	1.6	2.8	1.3
WILKES-BARRE-HAZLETON	40.4	3.9	5.7	3.5	1.8	1.6	1.8	1.8	3.7	1.2
PHILADELPHIA	449.5	2.7	3.2	2.6	1.6	1.8	1.7	0.9	1.2	0.7
PITTSBURGH	249.3	2.6	2.7	2.3	0.7	0.7	1.3	1.7	1.6	0.8
READING	54.2	2.2	2.5	2.7	1.5	1.5	1.9	0.6	0.8	0.7
WILLIAMSPORT	16.7	1.5	1.9	2.4	0.6	0.7	1.6	0.7	1.0	0.7
YORK	66.7	3.4	3.1	3.2	2.4	2.3	2.3	0.8	0.7	0.7

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979	Feb. 1980	Jan. 1980	Feb. 1979
PENNSYLVANIA	1,372.0	2.9	3.3	2.5	0.9	0.9	0.9	1.3	1.7	0.9
ALLENTOWN-BETHLEHEM-EASTON	111.1	2.1	2.4	2.1	0.9	0.8	0.9	0.7	0.9	0.5
ALTOONA	13.5	4.3	1.9	2.1	0.5	1.0	0.6	3.5	0.5	1.3
ERIE	43.1	2.7	2.4	2.8	0.8	0.7	1.0	1.2	0.8	0.6
HARRISBURG	43.2	2.7	2.6	2.4	1.3	1.3	1.3	0.6	0.6	0.4
JOHNSTOWN	20.0	2.2	4.4	2.6	0.4	0.5	1.0	1.1	3.0	1.1
LANCASTER	59.8	2.7	2.6	2.4	1.3	1.3	1.3	0.6	0.6	0.4
NORTHEAST	74.5	3.0	4.1	3.4	1.0	1.2	1.1	1.4	2.4	1.7
SCRANTON	28.7	2.5	4.7	3.5	0.9	1.2	1.3	1.2	3.1	1.6
WILKES-BARRE-HAZLETON	40.4	3.4	3.4	3.1	1.0	0.9	0.9	1.8	1.9	1.5
PHILADELPHIA	449.5	2.9	3.3	2.2	0.9	1.0	0.9	1.1	1.4	0.7
PITTSBURGH	249.3	2.5	2.9	2.0	0.4	0.4	0.4	1.3	1.7	0.7
READING	54.2	3.9	3.3	2.9	1.4	1.1	1.2	1.8	1.5	1.0
WILLIAMSPORT	16.7	1.5	1.8	2.4	0.5	0.5	0.7	0.5	1.0	1.2
YORK	66.7	3.4	4.1	2.9	1.6	1.6	1.7	1.2	2.1	0.6

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979
PENNSYLVANIA	$286.03	$286.26	$274.44	38.6	39.0	40.3	$7.41	$7.34	$6.81
ALLENTOWN-BETHLEHEM-EASTON	289.93	290.70	260.44	37.8	38.3	37.8	7.67	7.59	6.89
ALTOONA	251.36	249.48	234.04	38.2	38.8	39.6	6.58	6.43	5.91
ERIE	308.43	304.79	285.86	41.4	41.3	42.1	7.45	7.38	6.79
HARRISBURG	281.18	286.47	260.77	40.4	41.1	40.8	6.96	6.97	6.39
JOHNSTOWN	315.15	316.57	281.58	38.2	38.7	39.0	8.25	8.18	7.22
LANCASTER	258.24	259.43	243.17	40.1	40.6	40.8	6.44	6.39	5.96
NORTHEAST	202.27	208.29	193.59	35.8	36.8	37.3	5.65	5.66	5.19
SCRANTON	194.66	198.55	194.18	35.2	36.1	38.3	5.53	5.50	5.07
WILKES-BARRE-HAZLETON	206.49	212.95	191.99	36.1	37.1	36.5	5.72	5.74	5.26
PHILADELPHIA	293.83	291.40	278.36	39.6	39.7	40.4	7.42	7.34	6.89
PITTSBURGH	359.00	358.00	243.21	39.8	40.0	41.5	9.02	8.95	8.27
READING	275.32	273.53	243.75	39.5	39.7	39.0	6.97	6.89	6.25
WILLIAMSPORT	264.65	273.34	248.27	38.3	39.5	40.5	6.91	6.92	6.13
YORK	263.08	260.40	251.40	39.8	40.0	41.9	6.61	6.51	6.00

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT
MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	Mar. 1980		Feb. 1980		Mar. 1979	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	6.6	6.2	6.8	6.0	6.1	5.7
PENNSYLVANIA	7.8	6.8	7.8	6.8	7.8	6.9
ALLENTOWN-BETH-EASTON	INA	INA	INA	INA	7.2	6.3
ALTOONA	10.0	8.6	10.1	8.6	10.5	9.1
ERIE	8.9	7.8	9.0	8.0	8.4	7.3
HARRISBURG	5.7	4.9	5.9	5.3	5.7	4.9
JOHNSTOWN	12.1	10.3	11.2	9.6	10.1	8.6
LANCASTER	5.0	4.3	5.4	4.7	5.0	4.3
NORTHEAST	9.9	8.7	10.2	9.2	9.7	8.5
SCRANTON	8.9	7.9	9.2	8.5	9.2	8.1
W BARRE-HAZLETON	10.4	9.3	10.8	9.7	9.7	8.6
PHILADELPHIA	INA	INA	INA	INA	7.7	7.2
PITTSBURGH	7.0	6.0	7.1	6.2	6.6	5.7
POTTSVILLE	10.3	-	10.5	-	10.3	-
READING	8.0	7.1	7.7	6.9	6.0	5.3
UNIONTOWN-CONNELLSVLE	11.5	-	11.7	-	10.6	-
WILLIAMSPORT	12.6	10.3	12.2	10.4	10.8	8.7
YORK	6.4	5.8	6.9	5.9	5.3	4.7

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979
UNITED STATES	103,351.0	103,257.0	101,665.0	96,546.0	96,264.0	95,501.0	6,805.0	6,993.0	6,165.0
PENNSYLVANIA	5,357.0	5,363.0	5,271.0	4,941.0	4,944.0	4,860.0	415.0	419.0	411.0
ALLENTOWN-BETH-EASTON	INA	INA	297.2	INA	INA	275.9	INA	INA	21.3
ALTOONA	60.4	60.4	57.2	54.4	54.3	51.2	6.0	6.1	6.0
ERIE	127.2	127.3	124.9	115.9	115.8	114.4	11.3	11.5	10.5
HARRISBURG	218.2	217.7	215.7	205.8	204.8	203.5	12.4	12.9	12.2
JOHNSTOWN	111.7	111.9	108.6	98.2	99.4	97.6	13.5	12.5	11.0
LANCASTER	177.0	178.2	174.0	168.1	168.5	165.3	8.8	9.7	8.7
NORTHEAST	288.3	288.6	283.1	259.7	259.2	255.7	28.5	29.3	27.4
SCRANTON	105.3	105.4	103.9	95.8	95.6	94.3	9.4	9.7	9.5
W BARRE-HAZLETON	155.7	155.9	152.1	139.4	139.1	137.3	16.2	16.8	14.8
PHILADELPHIA	INA	INA	2,111.0	INA	INA	1,948.1	INA	INA	162.9
PITTSBURGH	1,011.7	1,016.7	1,002.7	941.2	944.2	936.3	70.4	72.5	66.4
POTTSVILLE	67.0	67.1	68.1	60.1	60.0	61.1	6.9	7.1	7.0
READING	155.3	156.5	149.0	142.9	144.4	140.0	12.5	12.0	8.9
UNIONTOWN-CONNELLSVLE	58.5	58.7	59.2	51.8	51.8	53.0	6.7	6.9	6.3
WILLIAMSPORT	53.7	53.3	53.0	47.0	46.8	47.3	6.8	6.5	5.7
YORK	174.2	174.3	170.4	163.0	162.3	161.4	11.2	12.0	9.0

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	Nonagricultural Wage and Salary			Private Sector *		
	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979
UNITED STATES	89,774.0	89,346.0	88,207.0	73,727.0	73,377.0	72,410.0
PENNSYLVANIA	4,774.1	4,760.1	4,756.1	4,045.6	4,036.2	4,016.4
ALLENTOWN-BETHLEHEM-EASTON	262.8	262.5	261.0	233.4	233.3	231.0
ALTOONA	53.5	53.2	51.1	45.8	45.6	43.8
ERIE	115.6	115.1	115.9	101.9	101.3	101.3
HARRISBURG	214.9	213.0	215.8	159.5	159.1	158.8
JOHNSTOWN	88.5	89.3	89.3	73.9	73.7	74.3
LANCASTER	151.6	151.5	151.4	136.7	136.5	136.2
NORTHEAST	243.0	241.4	242.7	202.4	201.3	203.0
SCRANTON	86.8	86.4	86.3	74.7	74.4	74.3
WILKES-BARRE-HAZLETON	126.7	126.1	127.7	106.2	105.8	108.2
PHILADELPHIA	1,923.6	1,911.0	1,904.3	1,614.1	1,605.7	1,602.3
PITTSBURGH	940.8	939.7	949.5	811.0	810.3	824.3
POTTSVILLE	47.9	47.7	49.3	39.2	39.0	40.8
READING	138.5	139.4	137.6	121.1	122.1	120.3
UNIONTOWN-CONNELLSVILLE	35.3	35.2	36.5	28.1	28.0	29.5
WILLIAMSPORT	46.9	46.5	48.0	40.5	40.2	41.4
YORK	155.9	154.8	156.7	136.9	136.1	135.7

Area	Manufacturing			Nonmanufacturing		
	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979
UNITED STATES	20,667.0	20,645.0	20,887.0	69,107.0	68,701.0	67,320.0
PENNSYLVANIA	1,371.1	1,372.0	1,381.9	3,397.1	3,382.2	3,367.7
ALLENTOWN-BETHLEHEM-EASTON	111.1	111.1	109.6	151.7	151.4	151.2
ALTOONA	13.4	13.5	12.7	40.1	39.7	38.4
ERIE	42.9	43.1	44.4	72.7	72.0	71.5
HARRISBURG	43.5	43.2	42.3	171.3	169.7	173.2
JOHNSTOWN	19.8	20.0	20.1	68.7	68.8	68.9
LANCASTER	59.7	59.8	60.0	91.9	91.6	91.4
NORTHEAST	74.8	74.5	74.6	167.8	166.5	168.1
SCRANTON	28.7	28.7	28.5	57.7	57.3	57.8
WILKES-BARRE-HAZLETON	40.8	40.4	41.5	85.9	85.7	86.2
PHILADELPHIA	447.4	449.5	454.3	1,471.0	1,458.9	1,448.1
PITTSBURGH	249.0	249.3	255.3	690.9	689.1	693.7
POTTSVILLE	20.1	20.1	21.2	27.8	27.6	27.9
READING	53.4	54.2	54.6	85.1	85.1	82.5
UNIONTOWN-CONNELLSVILLE	7.5	7.5	8.3	27.8	27.7	28.2
WILLIAMSPORT	16.8	16.7	18.3	30.1	29.8	29.7
YORK	66.7	66.7	64.8	89.2	88.1	90.0

* Excludes Government employment

TABLE 17. LABOR TURNOVER RATES IN PENNSYLVANIA
NONDURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	Nondurable Goods					
	Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.2	2.7		4.9	2.1	2.1
1975	4.1	1.8		4.4	1.3	2.5
1976	3.9	2.2	1.4	4.1	1.4	2.0
1977	3.9	2.3	1.4	3.9	1.5	1.8
1978	3.6	2.4	1.0	3.6	1.7	1.3
1979	3.8	2.4	1.2	3.8	1.7	1.5
Feb.	3.1	1.9	1.1	2.9	1.3	1.0
Mar.	3.8	2.3	1.3	3.7	1.6	1.3
Apr.	3.6	2.1	1.1	3.5	1.5	1.3
May	4.1	2.7	1.1	3.7	1.7	1.4
Jun.	4.3	3.0	1.0	3.6	1.7	1.3
Jul.	4.0	2.2	1.6	4.3	1.6	2.1
Aug.	4.2	2.7	1.2	5.0	2.9	1.4
Sep.	4.0	2.7	1.0	4.4	2.3	1.5
Oct.	3.7	2.5	1.0	3.8	1.7	1.5
Nov.	3.0	1.9	1.0	3.6	1.3	1.7
Dec.	2.4	1.2	1.0	3.3	0.9	1.9
1980						
Jan.	3.8	2.0	1.6	3.7	1.3	1.7
Feb.	3.3	1.9	1.2	3.1	1.3	1.1

Year & Month	Food & Kindred					
	Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO
1974	5.2	3.3		5.8	2.6	2.5
1975	4.6	2.3		4.9	1.5	2.7
1976	4.6	2.3	2.0	4.9	1.4	2.8
1977	4.9	2.4	2.2	5.0	1.6	2.8
1978	4.1	2.5	1.4	4.3	1.8	1.9
1979	4.3	4.1	1.4	4.4	1.9	1.8
Feb.	3.1	1.5	1.4	3.5	1.5	1.5
Mar.	3.5	2.0	1.4	3.5	1.5	1.4
Apr.	4.3	2.5	1.6	4.1	1.6	2.0
May	5.0	3.4	1.3	4.7	1.9	2.1
Jun.	5.1	3.6	1.2	4.4	2.0	1.7
Jul.	5.8	3.0	2.6	4.3	1.9	1.8
Aug.	5.4	3.5	1.4	4.6	3.1	0.8
Sep.	5.0	3.4	1.4	5.0	2.5	1.8
Oct.	4.2	2.9	1.1	4.8	2.0	1.9
Nov.	3.5	2.2	1.1	4.2	1.7	1.7
Dec.	3.1	1.6	1.3	3.8	1.2	1.9
1980						
Jan.	2.6	1.4	1.1	4.4	1.4	2.4
Feb.	2.9	1.4	1.3	3.4	1.1	1.6

Year & Month	Textiles					
	Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.5	3.6		5.5	3.1	1.7
1975	4.5	2.3		5.1	1.6	2.8
1976	4.5	3.0	1.2	4.8	2.2	1.9
1977	4.3	3.0	1.1	4.6	2.2	1.8
1978	4.5	3.5	0.8	4.2	2.6	0.9
1979	3.9	2.8	0.9	4.4	2.5	1.2
Feb.	3.0	2.1	0.8	3.4	2.2	0.6
Mar.	3.6	2.5	0.9	3.9	2.3	0.9
Apr.	3.6	2.6	0.8	4.1	2.4	1.1
May	4.1	3.3	0.6	4.0	2.6	0.9
Jun.	4.3	3.6	0.5	4.0	2.5	0.8
Jul.	4.8	2.6	2.0	6.5	2.3	3.4
Aug.	4.4	3.4	0.9	6.2	3.7	0.4
Sep.	3.9	3.0	0.7	4.9	3.1	1.3
Oct.	4.4	3.1	1.1	4.1	2.3	1.2
Nov.	2.9	1.9	[illegible]	3.8	1.9	1.4
Dec.	1.9	1.3	0.4	3.3	1.2	1.5
1980						
Jan.	3.9	2.8	1.0	3.9	1.9	1.3
Feb.	4.3	2.9	1.3	3.7	2.3	0.8

Year & Month	Apparel					
	Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO
1974	5.2	2.5		6.6	2.1	3.8
1975	5.6	2.3		5.6	1.5	3.5
1976	4.8	2.5	2.0	5.5	1.7	2.9
1977	5.1	2.6	2.2	5.1	1.8	2.6
1978	4.3	2.7	1.3	4.6	2.0	1.8
1979	5.0	2.5	2.2	5.3	1.9	2.6
Feb.	4.9	2.7	1.9	3.9	1.6	1.8
Mar.	4.8	2.8	1.8	5.4	2.0	2.4
Apr.	4.3	2.2	1.7	4.5	1.8	1.8
May	4.9	2.5	2.0	5.2	1.9	2.6
Jun.	4.7	2.5	1.8	5.1	2.0	2.2
Jul.	4.8	2.1	2.4	6.7	1.9	3.9
Aug.	5.3	2.6	2.4	6.5	2.8	2.7
Sep.	5.3	2.8	2.0	5.5	2.3	2.5
Oct.	5.1	2.7	2.2	5.1	1.9	2.6
Nov.	3.6	1.7	1.7	5.5	1.4	3.6
Dec.	3.1	1.0	1.8	5.3	0.9	3.8
1980						
Jan.	6.8	2.9	3.6	4.7	1.7	2.3
Feb.	5.4	2.7	2.4	3.8	1.7	1.4

Year & Month	Paper & Allied Products					
	Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.7	2.0		3.5	1.6	1.3
1975	3.4	1.0		3.7	0.7	2.5
1976	2.5	1.5	0.9	2.4	0.8	1.1
1977	2.6	1.5	0.9	2.7	0.9	1.3
1978	2.7	1.7	0.8	2.6	1.1	0.9
1979	3.0	2.0	0.9	3.0	1.3	1.0
Feb.	2.0	1.1	0.8	1.9	0.8	0.6
Mar.	2.4	1.4	0.8	1.9	1.0	0.4
Apr.	2.6	1.6	0.8	2.5	1.1	0.8
May	3.8	2.6	0.9	2.5	1.2	0.8
Jun.	4.1	3.2	0.7	2.0	1.1	0.5
Jul.	4.3	2.6	1.6	3.6	1.2	1.7
Aug.	3.6	2.6	0.9	4.5	2.7	0.8
Sep.	3.2	2.8	0.2	4.4	2.7	1.0
Oct.	2.8	2.2	0.5	2.9	1.2	1.0
Nov.	2.4	1.6	0.7	2.8	1.1	1.0
Dec.	1.6	0.9	0.6	2.6	0.7	1.5
1980						
Jan.	2.4	1.1	1.1	2.8	0.8	1.3
Feb.	2.7	1.6	1.0	2.8	0.6	1.5

Year & Month	Printing & Publishing					
	Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.4	1.9		2.6	1.4	0.7
1975	2.0	1.1		2.5	0.8	1.3
1976	2.3	1.5	0.6	2.3	0.9	0.9
1977	2.2	1.5	0.6	2.1	1.0	0.7
1978	2.5	1.8	0.6	2.4	1.2	0.8
1979	2.7	2.0	0.6	2.4	1.3	0.7
Feb.	2.4	1.6	0.7	1.9	1.1	0.5
Mar.	2.7	1.7	1.0	2.0	1.1	0.6
Apr.	2.4	1.8	0.5	2.3	1.2	0.8
May	2.7	2.2	0.5	2.4	1.3	0.7
Jun.	3.3	2.6	0.6	2.4	1.3	0.8
Jul.	2.4	1.7	0.6	2.1	1.2	0.6
Aug.	2.5	1.9	0.1	3.2	2.2	0.4
Sep.	2.8	2.3	0.4	2.7	1.8	0.6
Oct.	3.0	2.5	0.4	2.2	1.3	0.5
Nov.	2.4	1.8	0.5	2.2	1.1	0.8
Dec.	2.5	1.5	0.9	1.7	0.8	0.5
1980						
Jan.	2.7	1.9	0.8	2.4	1.0	0.9
Feb.	2.2	1.6	0.6	2.2	1.2	0.6

Year & Month	Chemicals					
	Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.2	1.6		2.3	1.0	0.7
1975	2.2	0.9		2.4	0.5	1.4
1976	2.1	1.2	0.7	1.9	0.6	0.8
1977	2.0	1.3	0.6	2.0	0.7	0.6
1978	2.0	1.4	0.5	1.8	0.7	0.5
1979	1.9	1.4	0.4	1.7	0.8	0.4
Feb.	1.5	1.2	0.3	1.4	0.5	0.3
Mar.	2.1	1.6	0.4	1.4	0.7	0.3
Apr.	1.6	1.1	0.3	1.2	0.6	0.4
May	2.2	1.7	0.4	1.3	0.6	0.3
Jun.	3.0	2.4	0.4	1.5	0.7	0.4
Jul.	1.6	1.2	0.3	1.4	0.7	0.4
Aug.	1.9	1.6	0.3	2.8	1.9	0.4
Sep.	2.0	1.5	0.3	2.5	1.2	0.8
Oct.	1.9	1.4	0.4	1.7	0.7	0.6
Nov.	1.4	0.9	0.4	1.2	0.6	0.3
Dec.	1.3	0.9	0.2	1.2	0.4	0.5
1980						
Jan.	1.7	1.1	0.4	1.9	0.6	0.6
Feb.	1.8	1.2	0.4	1.6	0.5	0.2

Year & Month	Petroleum & Coal Products					
	Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO
1974	1.4	1.1		1.4	0.6	0.3
1975	1.1	0.8		1.1	0.3	0.3
1976	1.5	1.0	0.2	1.6	0.4	0.3
1977	1.4	1.1	0.1	1.5	0.5	0.3
1978	1.4	1.1	0.2	1.5	0.5	0.4
1979	1.6	1.2	0.2	1.4	0.6	0.4
Feb.	1.0	0,6	0.3	1.2	0.4	0.2
Mar.	1.2	0.9	0.2	0.7	0.3	0.1
Apr.	2.0	1.1	0.8	1.2	0.5	0.4
May	2.4	1.6	0.4	1.0	0.4	0.2
Jun.	2.8	2.6	0.1	1.2	0.2	0.3
Jul.	2.7	2.3	0.2	1.1	0.4	0.2
Aug.	1.4	0.9	0.1	3.6	2.5	0.4
Sep.	1.7	1.4	0.2	1.8	1.1	0.1
Oct.	1.1	0.9	0.1	1.4	0.3	0.5
Nov.	0.9	0.8	0.1	1.5	0.4	0.7
Dec.	0.7	0.6	N	1.5	0.3	1.1
1980						
Jan.	1.2	0.9	0.1	1.1	0.4	0.2
Feb.	0.9	0.5	0.3	1.2	0.3	0.1

Year & Month	Rubber & Plastics					
	Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.4	3.0		5.2	2.3	1.8
1975	3.7	1.1		4.9	0.9	3.1
1976	4.1	2.2	1.6	3.7	1.3	1.5
1977	3.5	2.3	1.0	3.6	1.4	1.3
1978	3.3	2.2	0.8	3.2	1.5	1.0
1979	3.6	2.4	0.9	3.5	1.6	1.1
Feb.	3.0	2.0	0.8	2.7	1.2	0.9
Mar.	3.1	2.2	0.6	3.5	1.5	1.1
Apr.	3.8	2.2	1.4	3.4	1.2	1.4
May	4.8	3.2	1.2	3.2	1.5	0.8
Jun.	4.5	3.4	0.7	2.9	1.2	1.0
Jul.	3.1	2.0	0.8	3.2	1.4	1.0
Aug.	3.9	2.8	0.7	5.6	3.3	1.3
Sep.	3.5	2.4	0.6	4.4	2.3	1.2
Oct.	3.1	2.1	0.7	3.5	1.3	1.1
Nov.	2.5	1.3	0.9	2.8	1.0	1.2
Dec.	1.8	1.0	0.7	3.0	0.6	1.7
1980						
Jan.	3.2	1.7	1.2	4.0	1.2	2.1
Feb.	2.2	1.3	0.7	3.8	0.9	2.1

Year & Month	Leather Goods					
	Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO
1974	7.1	5.6		8.6	5.1	2.6
1975	6.8	5.1		7.0	3.5	2.6
1976	6.4	4.7	1.4	7.2	3.9	2.4
1977	6.6	4.9	1.3	6.8	4.1	1.8
1978	7.0	5.0	1.5	8.0	4.8	2.4
1979	6.7	4.8	1.3	7.7	4.5	2.4
Feb.	4.4	3.4	0.5	5.4	3.2	1.5
Mar.	6.8	4.7	1.5	8.3	4.5	2.8
Apr.	6.7	4.9	1.5	8.2	4.7	2.5
May	7.9	5.8	1.5	8.2	5.4	1.4
Jun.	7.8	5.7	1.5	7.3	4.5	2.1
Jul.	5.5	4.0	1.0	9.9	4.5	4.9
Aug.	10.4	6.5	3.7	10.8	6.7	3.4
Sep.	6.2	4.6	1.1	8.0	6.0	1.3
Oct.	5.6	4.9	0.4	7.0	4.5	1.7
Nov.	4.5	3.6	0.6	6.7	3.2	3.0
Dec.	4.3	2.2	1.8	5.6	2.4	2.3
1980						
Jan.	7.0	5.0	1.7	6.1	3.6	1.8
Feb.	5.4	4.0	1.3	5.3	3.3	1.2

N = Negligible

TABLE 18. LABOR TURNOVER RATES IN PENNSYLVANIA
DURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	All Manufacturing						Durable Goods						Furniture & Fixtures						Stone, Clay & Glass					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	L.O	Tot.	NH	Rec.	Tot.	Q	L.O	Tot.	NH	Rec.	Tot.	Q	L.O	Tot.	NH	Rec.	Tot.	Q	L.O
1974	3.4	2.2		3.9	1.6	1.6	2.9	1.9		3.2	1.2	1.3	5.0	3.5		7.0	2.9	3.0	3.6	2.0		4.6	1.4	2.5
1975	3.3	1.4		3.9	0.8	2.3	2.8	0.9		3.7	0.6	2.5	5.8	2.0		6.1	1.2	4.1	3.9	1.0		4.6	0.7	3.3
1976	3.3	1.5	1.5	3.5	0.9	1.9	2.9	1.0	1.6	3.1	0.6	1.8	5.1	2.8	2.0	5.2	1.8	2.5	3.7	1.3	2.3	3.5	0.7	2.2
1977	3.4	1.7	1.5	3.5	1.0	1.8	3.1	1.3	1.6	3.2	0.7	1.8	6.4	3.8	2.4	5.6	2.1	2.5	3.9	1.4	2.4	3.6	0.8	2.2
1978	3.0	1.8	0.9	2.9	1.2	1.1	2.6	1.5	0.9	2.4	0.8	0.9	4.8	4.0	0.6	4.7	2.7	1.0	2.7	1.6	1.0	2.8	0.9	1.2
1979	3.0	1.8	0.9	3.1	1.2	1.3	2.6	1.5	0.8	2.7	0.9	1.1	4.9	3.4	1.3	5.4	2.2	2.0	2.8	1.3	1.3	2.9	0.8	1.5
Feb.	2.6	1.6	0.9	2.5	0.9	0.9	2.4	1.4	0.8	2.3	0.7	1.5	3.7	2.3	1.5	4.2	1.6	1.5	2.6	0.8	1.6	2.4	0.5	1.2
Mar.	3.1	1.8	1.0	2.9	1.1	1.0	2.6	1.5	0.9	2.3	0.8	0.8	4.1	3.5	0.3	5.7	2.4	1.9	3.8	1.0	2.7	2.6	0.7	1.4
Apr.	2.9	1.7	0.9	2.8	1.1	1.0	2.5	1.5	0.8	2.3	0.8	0.6	4.2	3.1	0.6	6.0	2.0	2.9	3.8	1.7	2.0	2.4	0.7	1.2
May	3.6	2.3	1.0	2.8	1.2	0.9	3.2	2.0	0.9	2.2	0.9	0.6	7.8	4.3	3.3	6.9	2.2	3.2	3.8	2.3	1.3	1.9	0.8	0.6
Jun.	3.6	2.6	0.7	2.8	1.2	1.0	3.1	2.3	0.6	2.3	0.9	0.8	6.5	3.8	2.4	4.6	2.4	0.8	3.6	2.6	0.7	2.3	0.8	1.0
Jul.	3.2	1.8	1.1	3.3	1.1	1.6	2.7	1.6	0.9	2.7	0.8	1.2	6.6	3.5	3.0	7.5	2.0	4.5	2.7	1.7	0.9	2.4	0.8	1.1
Aug.	3.5	2.2	1.0	4.2	2.3	1.2	3.0	1.8	0.9	3.7	1.8	1.1	6.9	5.2	1.6	6.8	4.4	0.7	2.9	1.7	1.1	4.1	2.1	1.4
Sep.	3.1	2.1	0.7	3.5	1.6	1.2	2.5	1.6	0.6	3.0	1.2	1.0	5.3	4.9	0.3	6.0	3.1	1.4	2.7	1.3	1.3	3.0	1.3	1.1
Oct.	2.9	1.9	0.8	3.1	1.1	1.3	2.4	1.5	0.7	2.7	0.8	1.2	3.8	3.1	0.5	3.9	2.0	0.9	1.7	1.0	0.5	3.1	0.7	1.9
Nov.	2.3	1.3	0.8	3.0	0.8	1.6	1.8	0.9	0.6	2.7	0.6	1.6	2.8	2.1	0.6	4.4	1.4	2.2	2.0	0.7	1.1	2.2	0.5	1.3
Dec.	1.9	0.9	0.9	3.1	0.6	2.0	1.6	0.7	0.8	3.0	0.4	2.0	2.5	1.4	1.0	3.6	1.1	1.8	1.4	0.4	0.9	3.9	0.3	3.2
1980																								
Jan.	3.2	1.5	1.4	3.3	0.9	1.7	2.8	1.2	1.3	3.1	0.6	1.8	3.5	1.9	1.5	5.3	1.3	3.2	2.5	0.6	1.8	3.9	0.5	2.8
Feb.	2.8	1.4	1.2	2.9	0.9	1.3	2.4	1.1	1.1	2.8	0.6	1.4	3.7	2.2	1.3	3.7	1.3	1.6	2.5	0.5	1.9	2.8	0.5	1.9

Year & Month	Primary Metals						Fabricated Metals						Machinery except Electrical						Electric & Electronic Equipment					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	L.O	Tot.	NH	Rec.	Tot.	Q	L.O	Tot.	NH	Rec.	Tot.	Q	L.O	Tot.	NH	Rec.	Tot.	Q	L.O
1974	2.3	1.5		2.3	0.9	0.8	3.7	2.4		4.1	1.4	1.8	2.6	2.1		2.3	1.2	0.4	2.2	1.4		2.9	1.1	1.1
1975	3.0	0.5		4.3	0.3	3.3	2.8	1.1		3.8	0.6	2.5	1.7	0.9		2.7	0.6	1.5	1.6	0.4		2.8	0.4	1.8
1976	3.3	0.6	2.4	3.3	0.4	2.2	2.7	1.1	1.5	3.5	0.6	2.2	2.4	0.9	1.4	2.8	0.6	1.7	2.1	1.0	0.7	2.2	0.6	0.9
1977	2.9	0.8	1.8	3.2	0.4	2.0	3.3	1.3	1.8	3.4	0.7	2.1	3.2	1.0	2.0	3.5	0.6	2.3	2.5	1.2	0.8	2.6	0.7	1.2
1978	2.5	1.1	1.2	2.4	0.5	1.1	3.1	1.6	1.2	3.0	0.9	1.3	2.1	1.4	0.5	1.6	0.7	0.4	2.3	1.3	0.7	2.3	0.8	0.8
1979	2.2	1.2	0.8	2.4	0.6	1.0	3.2	1.9	1.1	3.2	1.0	1.5	1.8	1.4	0.3	1.6	0.8	0.4	2.4	1.4	0.6	2.4	0.9	0.8
Feb.	2.3	1.3	0.8	1.8	0.4	0.5	2.6	1.7	0.7	2.7	0.7	1.3	1.7	1.4	0.2	1.3	0.6	0.2	2.2	1.2	0.6	2.2	0.7	0.8
Mar.	1.9	1.2	0.5	1.8	0.4	0.6	3.0	1.8	1.1	2.5	0.8	1.0	1.8	1.4	0.2	1.7	0.8	0.3	2.4	1.4	0.7	2.4	0.8	0.8
Apr.	2.0	1.1	0.7	1.9	0.4	0.7	2.8	1.8	0.9	3.1	0.9	1.6	1.6	1.2	0.2	1.3	0.7	0.2	2.5	1.4	0.7	2.3	0.8	0.5
May	3.3	1.8	1.1	1.6	0.5	0.4	3.8	2.4	1.1	2.5	1.1	0.7	1.9	1.6	0.2	1.5	0.8	0.2	2.9	1.8	0.6	2.4	1.0	0.6
Jun.	2.6	2.0	0.3	1.4	0.5	0.2	3.7	2.5	1.0	3.5	1.0	1.7	2.4	2.1	0.2	1.9	0.9	0.5	2.9	2.1	0.5	1.7	0.8	0.3
Jul.	2.2	1.4	0.6	2.3	0.5	0.8	3.3	1.9	1.1	3.3	0.9	1.7	2.0	1.3	0.5	1.9	0.7	0.7	2.9	1.6	1.0	2.8	0.8	1.5
Aug.	2.0	1.2	0.5	3.4	1.7	0.8	4.7	2.4	1.9	4.6	2.0	1.9	2.3	1.5	0.6	2.3	1.3	0.4	3.0	2.1	0.5	3.9	2.0	1.0
Sep.	1.7	1.0	0.5	3.4	1.0	1.6	3.3	2.3	0.7	3.0	1.2	1.1	1.8	1.5	0.2	2.0	0.9	0.5	2.4	1.5	0.4	2.3	1.2	0.4
Oct.	2.1	0.9	0.9	2.8	0.5	1.6	3.2	2.1	1.1	3.1	0.9	1.4	1.7	1.4	0.2	1.5	0.7	0.4	1.9	1.2	0.3	2.2	0.7	0.8
Nov.	1.7	0.7	0.9	2.3	0.3	1.4	2.4	1.4	0.9	2.7	0.6	1.5	1.4	1.1	0.2	1.3	0.6	0.4	1.5	0.9	0.2	1.9	0.5	0.8
Dec.	1.9	0.4	1.2	3.7	0.3	2.9	2.0	0.9	0.9	3.9	0.5	2.8	1.2	0.8	0.2	1.1	0.4	0.3	1.5	0.7	0.5	1.8	0.5	0.8
1980																								
Jan.	2.5	0.7	1.5	2.8	0.3	1.6	4.2	1.4	2.5	4.4	0.6	3.0	1.9	1.5	0.3	1.7	0.7	0.5	2.4	1.3	0.6	2.5	0.7	0.9
Feb.	2.4	0.6	1.5	2.5	0.4	1.3	2.9	1.3	1.3	3.1	0.6	1.8	1.6	1.2	0.3	1.7	0.7	0.5	1.9	1.0	0.4	3.3	0.7	1.5

Year & Month	Transportation Equipment						Instruments & Related						Miscellaneous Manufacturing					
	Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	L.O	Tot.	NH	Rec.	Tot.	Q	L.O	Tot.	NH	Rec.	Tot.	Q	L.O
1974	4.2	2.2		4.2	1.1	2.0	2.9	2.4		2.8	1.4	0.7	3.8	2.6		4.8	1.8	2.3
1975	3.5	1.3		3.9	0.6	2.2	1.9	1.1		2.2	0.6	1.0	3.2	1.0		3.3	0.7	2.1
1976	3.2	1.1	1.6	3.5	0.5	2.0	2.1	1.4	0.5	1.8	0.7	0.6	2.6	1.5	0.9	2.7	0.8	1.2
1977	3.0	1.6	1.1	2.8	0.6	1.4	2.1	1.6	0.3	1.7	0.8	0.4	2.7	1.5	1.1	2.7	0.8	1.3
1978	3.0	1.5	1.0	2.5	0.7	1.0	2.0	1.6	0.2	1.7	0.9	0.3	2.9	1.9	0.9	2.9	1.0	1.2
1979	2.8	1.4	0.9	3.3	0.7	1.6	2.0	1.5	0.3	1.9	0.9	0.4	3.6	2.2	1.2	3.8	1.4	1.7
Feb.	2.0	1.3	0.4	2.9	0.5	1.4	2.6	2.4	0.1	2.5	1.1	0.3	3.2	1.6	1.4	2.3	0.8	0.6
Mar.	2.7	1.6	0.7	2.8	0.9	1.0	2.2	1.9	0.1	1.4	0.9	0.2	3.6	2.3	1.3	2.7	0.9	0.7
Apr.	3.1	1.4	1.3	2.9	0.7	1.1	2.0	1.4	0.5	1.7	0.9	0.3	3.3	1.6	1.6	3.0	0.9	1.1
May	3.1	1.5	1.2	2.5	0.6	0.9	2.7	1.9	0.6	2.0	0.9	0.5	3.5	2.3	1.0	2.2	1.1	0.3
Jun.	2.7	1.7	0.6	3.8	0.6	1.9	2.9	2.3	0.4	2.0	1.0	0.4	6.0	4.4	1.4	2.4	1.4	0.5
Jul.	3.2	1.4	1.2	3.0	0.6	1.4	1.5	1.2	0.1	2.1	0.8	0.8	3.3	1.5	1.7	4.1	1.4	2.2
Aug.	3.1	1.4	1.2	3.4	1.1	1.4	7.9	1.2	0.5	2.6	1.5	0.3	4.8	3.4	1.3	6.2	3.7	1.9
Sep.	3.1	1.7	1.0	3.1	1.0	1.2	1.5	1.2	0.2	3.0	1.1	1.0	4.0	3.2	0.6	3.8	2.0	1.0
Oct.	3.3	2.0	0.7	3.4	0.9	1.3	1.4	1.2	0.1	1.6	0.8	0.4	4.0	2.4	1.5	3.2	1.8	0.5
Nov.	2.2	0.7	1.1	6.2	0.6	4.7	1.5	1.0	0.4	1.4	0.6	0.4	1.6	1.1	0.4	6.6	1.5	4.5
Dec.	1.7	0.4	0.9	3.0	0.3	2.2	1.1	0.7	0.3	1.0	0.5	0.1	1.2	0.6	0.6	5.4	0.7	4.4
1980																		
Jan.	2.9	1.4	1.2	3.4	0.5	1.8	1.7	1.2	0.4	2.1	0.6	0.7	2.3	1.3	0.9	4.7	1.2	2.7
Feb.	3.1	1.3	1.5	3.5	0.5	2.0	1.9	1.4	0.3	2.1	0.6	1.0	4.0	1.5	2.5	3.7	0.9	2.0

N = Negligible

6/30/80

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

MAY 1980

Vol. XXV No. 5

JOB SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY BUREAU OF EMPLOYMENT SECURITY
In cooperation with the United States *Bureau of Labor Statistics*
BUR-682 REV 10-77

- EXPLANATORY -

INDUSTRY EMPLOYMENT

Employment data, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives."

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing to:
PENNSYLVANIA BUREAU OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING-ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717-787-3129

Issued: May 1980 Reference: Mid-April

PENNSYLVANIA EMPLOYMENT & EARNINGS
APRIL 1980

Unemployment in Pennsylvania, seasonally adjusted, jumped in April. The volume, estimated at 414,000 - an increase of 47,000 from March - produced a rate of 7.7 percent compared with March's 6.8 percent. The upswing in jobless rates began early in 1979, was halted briefly in February and March, and resumed in April. A year ago, seasonally adjusted unemployment was 345,000, with the rate at 6.6 percent.

Unadjusted, the rate declined to 7.3 percent, a drop of five-tenths of a percent form March. The volume dropped 27,000 to 388,000. Last April, the rate registered 6.2 percent, with a total jobless count of 320,000.

Nationwide, the April seasonally adjusted rate was 7.0 percent of the civilian labor force, up a substantial eight-tenths percent over March. The unadjusted rate of 6.6 percent remained unchanged form March.

NONAG JOBS TOTAL CONTINUES TO RISE THOUGH FACTORY JOBS SLIP AGAIN

Nonagricultural wage and salary jobs in the aggregate continued to increase during April although the upswing was not nearly as prominent as is usually the case at this time of the year. The 31,000 job additions occurred in the nonmanufacturing segments, principally CONSTRUCTION and SERVICES. Factory jobs showed a moderate downturn. Increases in nondurable industries were offset by flagging activity in durables. On the whole, manufacturing jobs were down 5,400.

With the exception of NONELECTRICAL MACHINERY which remained unchanged, every other durable industry slipped a bit. Most seriously affected was TRANSPORTATION EQUIPMENT where each segment, Motor Vehicles, Aircraft and Boatbuilding reflected a straitened economy.

On the nondurable side, TEXTILES and TOBACCO remained essentially unchanged. The PAPER industry slowed its pace but other industries inched upward. The gain in the PETROLEUM industry reflected a labor-management dispute settlement.

PRODUCTION WORKWEEK UP SLIGHTLY BUT DOWN OVER THE LONG TERM

Factory production hours posted a gain of twelve minutes in April. The shift was most noticeable in certain nondurable industries, TOBACCO, PAPER and APPAREL. FURNITURE and PRIMARY METALS provided a bit of cheer in durable industries. Conversely, STONE, CLAY and GLASS and PETROLEUM reported the heaviest drag in working time.

Although it took its first upward turn in five months, production time has, nevertheless, been significantly curtailed over this period. From March to April, factories lost approximatley 50,000 production hours and 4,600 workers. Last November's workweek at 40.3 hours represented 40,021,500 manhours for 992,100 production workers whereas April's 38.8 hour week reflects 38,158,000 hours for 984,200 workers. Pennsylvania factories have lost nearly 8,000 production workers and better than one and three quarter million manhours over the five month period.

Nationwide, the factory workweek stood at 39.4 hours – down four-thenths of an hour.

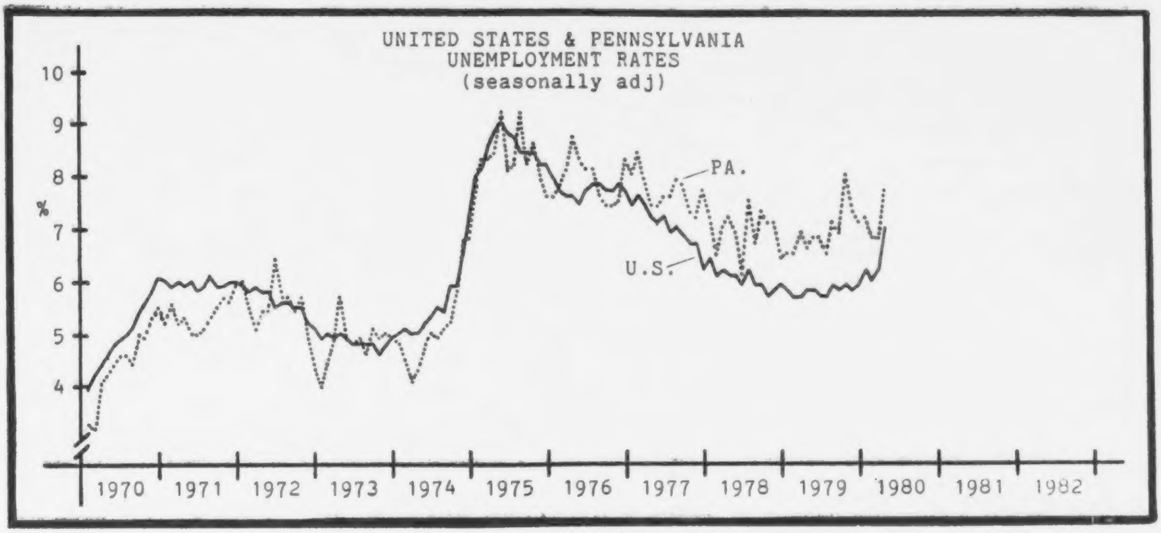
HOURLY EARNING CHANGES COUNTER-BALANCE

Factory production workers averaged $7.44 an hour during April - an increase of three cents over the March rate. Wage increases in TRANSPORTATION EQUIPMENT and PETROLEUM contributed heavily toward boosting these earnings but lighter incentive and overtime earnings in other industries combined to prevent a more meaningful rise.

The national average was $7.07 an hour, up a penny from the previous month.

NONMANUFACTURING JOBS CONTINUE TO HOLD UP WELL

Jobs in the non-factory sector continued to flourish. A rousing 37,700 jobs mirrored almost exactly the five year moving average for these industries. SERVICES forged ahead by 18,100 jobs; CONSTRUCTION followed closely with 15,000. RETAIL TRADE managed a 5,500 increase – a rather week showing for this time of the year. TRANSPORTATION, FINANCE and REAL ESTATE and GOVERNMENT reported the only negatives, but the drop in these three groups combined totaled a mere 1,400. The remaining nonmanufacturing segments showed minor, but positive, changes.



EMPLOYMENT DATA IN THIS PUBLICATION HAVE BEEN REVISED TO FIRST QUARTER 1979 BENCHMARKS, AND ARE THEREFORE, NOT STRICTLY COMPARABLE WITH FIGURES PUBLISHED PRIOR TO JANUARY 1978. DATA ARE BASED ON INDUSTRY CLASSIFICATION IN ACCORDANCE WITH THE REVISED 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL.

On all tables data for most recent month are preliminary and subject to revision.

ADDITIONAL NOTATION ON PAGE 13

Table 1. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Em-ployment	Unem-ployment	Rate %	Seasonally Adjusted Rate %
1962	4,474.2	4,110.5	363.7	8.1		70,614.0	66,702.0	3,911.0	5.5	
1963	4,422.9	4,090.0	332.9	7.5		71,833.0	67,762.0	4,070.0	5.7	
1964	4,430.9	4,155.2	275.7	6.2		73,091.0	69,305.0	3,786.0	5.2	
1965	4,469.3	4,263.4	205.9	4.6		74,455.0	71,088.0	3,366.0	4.5	
1966	4,558.3	4,395.0	163.3	3.6		75,770.0	72,895.0	2,875.0	3.8	
1967	4,637.0	4,467.0	170.0	3.7		77,347.0	74,372.0	2,975.0	3.8	
1968	4,634.0	4,475.0	159.0	3.4		78,737.0	75,920.0	2,817.0	3.6	
1969	4,720.0	4,566.0	154.0	3.3		80,734.0	77,902.0	2,832.0	3.5	
1970	4,828.0	4,610.0	218.0	4.5		82,715.0	78,627.0	4,088.0	4.9	
1971	4,801.0	4,542.0	260.0	5.4		84,113.0	79,120.0	4,993.0	5.9	
1972	4,870.0	4,607.0	264.0	5.4		86,542.0	81,702.0	4,840.0	5.6	
1973	4,988.0	4,747.0	241.0	4.8		88,714.0	84,409.0	4,304.0	4.9	
1974	5,036.0	4,778.0	258.0	5.1		91,011.0	85,935.0	5,076.0	5.6	
1975	5,068.0	4,646.0	421.0	8.3		92,613.0	84,783.0	7,830.0	8.5	
1976	5,094.0	4,690.0	404.0	7.9		94,773.0	87,485.0	7,288.0	7.7	
1977	5,165.0	4,767.0	398.0	7.7		97,401.0	90,546.0	6,855.0	7.0	
1978	5,255.0	4,891.0	364.0	6.9		100,420.0	94,373.0	6,047.0	6.0	
1979	5,296.0	4,930.0	366.0	6.9		102,908.0	96,945.0	5,963.0	5.8	
1979 Apr	5,179.0	4,860.0	320.0	6.2	6.6	101,236.0	95,675.0	5,561.0	5.5	5.8
May	5,209.0	4,915.0	294.0	5.6	6.8	101,473.0	96,220.0	5,253.0	5.2	5.8
Jun	5,333.0	4,950.0	383.0	7.2	6.8	104,153.0	97,917.0	6,235.0	6.0	5.7
Jul	5,387.0	5,047.0	340.0	6.3	6.5	104,995.0	98,891.0	6,104.0	5.8	5.7
Aug	5,339.0	4,967.0	372.0	7.0	7.1	104,363.0	98,226.0	6,137.0	5.9	5.9
Sep	5,290.0	4,933.0	356.0	6.7	6.9	103,373.0	97,576.0	5,798.0	5.6	5.8
Oct	5,348.0	4,923.0	425.0	7.9	8.0	103,939.0	98,158.0	5,781.0	5.6	5.9
Nov	5,359.0	4,990.0	368.0	6.9	7.3	103,719.0	97,943.0	5,776.0	5.6	5.8
Dec	5,331.0	4,978.0	354.0	6.6	7.1	103,884.0	98,047.0	5,836.0	5.6	5.9
1980 Jan	5,332.0	4,918.0	414.0	7.8	7.2	103,188.0	96,145.0	7,043.0	6.8	6.2
Feb	5,363.0	4,944.0	419.0	7.8	6.8	103,257.0	96,264.0	6,993.0	6.8	6.0
Mar	5,357.0	4,941.0	41.50	7.8	6.8	103,351.0	96,546.0	6,805.0	6.6	6.2
Apr	5,321.0	4,933.0	388.0	7.3	7.7	103,412.0	96,566.0	6,846.0	6.6	7.0

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From--	
	Apr. 1980	Mar. 1980	Apr. 1979	Mar. 1980	Apr. 1979
TOTAL CIVILIAN LABOR FORCE	5,321.0	5,357.0	5,179.0	-36.0	142.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	388.0	415.0	320.0	-27.0	68.0
% CIVILIAN LABOR FORCE	7.3	7.8	6.2	-0.5	1.1
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	414.0	367.0	345.0	47.0	69.0
% CIVILIAN LABOR FORCE	7.7	6.8	6.6	0.9	1.1
TOTAL EMPLOYMENT	4,933.0	4,941.0	4,859.0	-8.0	74.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From--	
	Apr. 1980	Mar. 1980	Apr. 1979	Mar. 1980	Apr. 1979
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,809.5	4,778.6	4,828.3	30.9	-18.8
LABOR-MANAGEMENT DISPUTES	4.0	5.4	8.9	-1.4	-4.9
ALL MANUFACTURING INDUSTRIES	1,366.8	1,372.2	1,389.5	-5.4	-22.7
TOTAL NONMANUFACTURING INDUSTRIES	3,438.7	3,401.0	3,429.9	37.7	8.8
Mining	50.2	49.6	52.2	0.6	-2.0
Anthracite	3.2	3.1	3.1	0.1	0.1
Bituminous	38.0	37.8	40.7	0.2	-2.7
Nonmetallic minerals	4.8	4.5	4.7	0.3	0.1
Contract Construction	195.7	180.7	197.9	15.0	-2.2
General building	53.6	50.9	57.3	2.7	-3.7
Heavy construction	28.7	22.7	34.0	6.0	-5.3
Special trades	113.4	107.1	106.6	6.3	6.8
Transportation	162.0	162.6	169.3	-0.6	-7.3
Railroads	41.6	41.6	43.5	0.0	-1.9
Public Utilities	104.2	104.0	102.5	0.2	1.7
Communications	54.6	54.6	53.8	0.0	0.8
Electric, gas & sanitary service	49.6	49.4	48.7	0.2	0.9
Electric systems	23.7	23.6	23.2	0.1	0.5
Gas production	11.6	11.6	11.4	0.0	0.2
Wholesale trade	240.1	240.1	237.1	-0.1	3.0
Retail trade	726.9	721.4	750.3	5.5	-23.4
General merchandise stores	115.7	117.4	122.2	-1.7	-6.5
Department stores	101.4	103.1	107.6	-1.7	-6.2
Finance, insurance & real estate	238.7	238.9	232.7	-0.2	6.0
Banking	79.2	79.1	76.4	0.1	2.8
Commercial & stock savings	73.0	72.9	70.5	0.1	2.5
Credit agencies & securities	29.5	29.9	29.2	-0.4	0.3
Insurance	70.5	70.7	68.9	-0.2	1.6
Life insurance	26.3	26.4	26.2	-0.1	0.1
Fire, marine & casualty	29.6	29.7	28.5	-0.1	1.1
Services	992.6	974.5	951.4	18.1	41.2
Business services	128.0	128.6	121.8	-0.6	6.2
Health services	306.6	306.1	300.7	0.5	5.9
Nursing & personal care	50.6	50.5	48.8	0.1	1.8
Hospitals	188.4	188.0	182.9	0.4	5.5
Educational service	155.5	152.8	129.8	2.7	25.7
Miscellaneous services	45.9	45.9	44.3	0.0	1.6
Engineering & architectural	29.0	28.7	27.7	0.3	1.3
Government	728.3	729.1	736.5	-0.8	-8.2
Federal	132.4	131.8	130.8	0.6	1.6
State & local	595.9	597.3	605.7	-1.4	-9.8

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS

(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manufacturing	Total Non-Manufacturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.0	3,853.8	1,341.5	3,223.5	48.0	183.9	939.0	221.7	717.2
1978	4,724.6	3,999.7	1,369.2	3,355.4	46.8	199.0	983.7	230.8	752.9
1979	4,832.4	4,109.6	1,389.8	3,442.5	52.0	205.8	991.7	238.1	753.6
1979 Apr.	4,819.4	4,082.9	1,389.5	3,429.9	52.2	197.9	987.4	237.1	750.3
May	4,863.0	4,122.0	1,392.2	3,470.8	52.1	209.8	996.3	237.8	758.5
Jun.	4,911.3	4,175.5	1,409.8	3,501.5	52.7	218.3	1,001.8	240.6	761.2
Jul.	4,852.6	4,142.8	1,397.1	3,455.5	52.3	226.8	987.8	241.1	746.7
Aug.	4,845.7	4,137.7	1,390.4	3,455.3	51.9	227.1	986.6	240.6	746.0
Sep.	4,855.9	4,157.7	1,398.0	3,457.9	52.5	225.6	989.5	237.5	752.0
Oct.	4,896.8	4,182.8	1,394.6	3,502.2	51.4	225.1	1,002.7	240.0	762.7
Nov.	4,900.5	4,173.8	1,390.2	3,510.3	51.9	220.0	1,006.8	240.8	766.0
Dec.	4,882.5	4,154.3	1,383.7	3,498.8	51.1	209.7	1,012.9	240.6	772.3
1980 Jan.	4,779.1	4,062.6	1,374.3	3,404.8	50.7	190.5	978.9	240.3	738.6
Feb.	4,754.2	4,036.2	1,372.0	3,382.2	50.2	179.1	959.8	240.3	719.5
Mar.	4,773.2	4,044.1	1,372.2	3,401.0	49.6	180.7	961.6	240.2	721.4
Apr.	4,805.5	4,077.2	1,366.8	3,438.7	50.2	195.7	967.0	240.1	726.9

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.4	137.6	513.8
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.2	136.4	521.8
1974	161.1	104.4	207.3	773.6	154.9	618.7	681.5	136.6	544.9
1975	154.0	102.5	207.3	798.5	159.8	638.7	720.9	134.4	586.5
1976	155.4	101.1	211.4	839.7	165.5	674.2	721.6	131.8	589.8
1977	160.7	100.7	217.5	862.4	171.1	691.3	711.2	128.1	583.0
1978	165.7	101.5	226.6	907.2	177.9	729.3	724.9	129.5	595.4
1979	169.5	103.5	235.4	961.8	184.6	777.2	722.7	131.6	591.2
1979 Apr.	169.3	102.5	232.7	951.4	182.9	768.5	736.5	130.8	605.7
May	172.5	102.9	234.7	961.5	183.1	778.4	741.0	131.2	609.8
Jun.	173.2	104.2	238.4	977.1	185.9	791.2	735.8	132.9	602.9
Jul.	166.3	105.0	239.5	968.0	186.7	781.3	709.8	133.5	576.3
Aug.	166.1	105.0	239.4	971.2	186.0	785.2	708.0	132.6	575.4
Sep.	170.9	104.0	236.9	980.3	185.6	794.7	698.2	131.4	566.8
Oct.	172.3	103.9	237.1	995.7	185.9	809.8	714.0	131.1	582.9
Nov.	171.3	104.0	237.7	991.9	186.4	805.5	726.7	132.1	594.6
Dec.	168.5	104.0	237.9	986.5	186.2	800.3	728.2	132.8	595.4
1980 Jan.	163.3	103.8	237.7	963.4	186.8	776.6	716.5	131.9	584.6
Feb.	162.1	103.9	238.0	971.1	187.4	783.7	718.0	131.7	586.3
Mar.	162.6	104.0	238.9	974.5	188.0	786.5	729.1	131.8	597.3
Apr.	162.0	104.2	238.7	992.6	188.4	804.2	728.3	132.4	595.9

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

MARCH 1980

Industry	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979
All Manufacturing	1,372.2	2.7	2.8	3.1	1.5	1.4	1.8	1.0	1.2	1.0
Durable Goods	846.8	2.3	2.4	2.6	1.1	1.1	1.5	0.9	1.1	0.9
Furniture & Fixtures	20.0	3.7	3.9	4.1	2.2	2.0	3.5	1.4	1.8	0.3
Stone, Clay & Glass Products	62.4	2.5	2.4	3.8	0.7	0.6	1.0	1.8	1.8	2.7
Primary Metal Industries	197.4	2.1	2.3	1.9	0.7	0.6	1.2	1.0	1.4	0.5
Fabricated Metal Products	116.6	2.8	3.0	3.0	1.1	1.2	1.8	1.4	1.4	1.1
Machinery, exc. Electrical	146.3	1.7	1.7	1.8	1.3	1.3	1.4	0.3	0.4	0.2
Electric & Electronic Equip.	126.7	2.1	1.8	2.4	1.2	1.0	1.4	0.5	0.4	0.7
Transportation Equipment	86.8	2.5	2.8	2.7	1.1	1.3	1.6	0.9	1.1	0.7
Instruments & Related Products	43.2	1.9	1.8	2.2	1.6	1.3	1.9	0.1	0.3	0.1
Miscellaneous Manufacturing	24.7	3.1	3.3	3.6	2.0	1.5	2.3	1.0	1.6	1.3
Nondurable Goods	525.4	3.3	3.4	3.8	2.0	1.9	2.3	1.1	1.3	1.3
Food & Kindred Products	96.8	3.2	3.0	3.5	1.7	1.6	2.0	1.3	1.3	1.4
Textile Mill Products	47.4	3.7	4.3	3.6	2.6	2.8	2.5	1.0	1.4	0.9
Apparel & Related Products	126.2	4.3	5.5	4.8	2.4	2.6	2.8	1.6	2.6	1.8
Paper & Allied Products	43.7	3.0	2.5	2.4	1.6	1.5	1.4	1.3	0.8	0.8
Printing & Publishing	73.9	2.9	2.1	2.7	2.0	1.5	1.7	0.9	0.7	1.0
Chemicals & Allied Products	62.1	1.6	1.8	2.1	1.2	1.3	1.6	0.4	0.3	0.4
Petroleum & Coal Products	14.7	1.3	0.8	1.2	0.9	0.5	0.9	0.3	0.2	0.2
Rubber & Plastics Products	40.1	2.7	2.4	3.1	1.3	1.4	2.2	1.0	0.7	0.6
Leather & Leather Products	17.3	7.2	5.1	6.8	5.6	3.9	4.7	1.5	1.1	1.5

Industry	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979
All Manufacturing	1,372.2	3.0	3.0	2.9	0.9	0.9	1.1	1.4	1.4	1.0
Durable Goods	846.8	2.7	2.8	2.3	0.6	0.6	0.8	1.4	1.4	0.8
Furniture & Fixtures	20.0	3.6	3.9	5.7	1.6	1.3	2.4	1.4	1.6	1.9
Stone, Clay & Glass Products	62.4	2.7	3.0	2.6	0.4	0.5	0.7	1.8	2.0	1.4
Primary Metal Industries	197.4	2.4	2.4	1.8	0.3	0.4	0.4	1.2	1.2	0.6
Fabricated Metal Products	116.6	3.4	3.2	2.5	0.7	0.6	0.8	2.1	1.9	1.0
Machinery, exc. Electrical	146.3	1.8	1.7	1.7	0.7	0.7	0.8	0.5	0.6	0.3
Electric & Electronic Equip.	126.7	3.0	3.0	2.4	0.7	0.7	0.8	1.2	1.4	0.8
Transportation Equipment	86.8	3.5	3.4	2.8	0.5	0.6	0.9	1.9	1.7	1.0
Instruments & Related Products	43.2	2.3	1.9	1.4	0.6	0.7	0.9	1.1	0.7	0.2
Miscellaneous Manufacturing	24.7	3.0	3.0	2.7	0.9	1.0	0.9	1.5	1.4	0.7
Nondurable Goods	525.4	3.4	3.3	3.7	1.3	1.3	1.6	1.4	1.4	1.3
Food & Kindred Products	96.8	3.5	3.6	3.5	1.1	1.2	1.5	1.9	1.7	1.4
Textile Mill Products	47.4	3.3	3.5	3.9	1.7	2.1	2.3	1.0	0.8	0.9
Apparel & Related Products	126.2	4.5	4.2	5.4	1.7	1.6	2.0	1.9	1.8	2.4
Paper & Allied Products	43.7	4.1	2.8	1.9	1.0	0.8	1.0	1.9	1.4	0.4
Printing & Publishing	73.9	1.8	2.4	2.0	0.9	1.2	1.1	0.6	0.8	0.6
Chemicals & Allied Products	62.1	1.4	1.6	1.4	0.5	0.6	0.7	0.5	0.2	0.3
Petroleum & Coal Products	14.7	0.8	1.0	0.7	0.3	0.3	0.3	0.1	0.1	0.1
Rubber & Plastics Products	40.1	4.4	4.5	3.5	1.0	0.9	1.5	2.5	2.6	1.1
Leather & Leather Products	17.3	7.7	6.5	8.3	3.9	3.3	4.5	1.8	2.6	2.8

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Detail

(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Apr. 1980	Mar. 1980	Apr. 1979	Mar. 1980	Apr. 1979
	TOTAL MANUFACTURING INDUSTRIES	1,366.8	1,372.2	1,389.5	-5.4	-22.7
	TOTAL DURABLE GOODS	837.2	846.8	852.0	-9.6	-14.8
24	Lumber & wood products	22.4	22.7	22.8	-0.3	-0.4
243	Millwork, plywood & structural	7.2	7.0	7.3	0.2	-0.1
	Other lumber & wood products	15.2	15.7	15.5	-0.5	-0.3
25	Furniture & fixtures	19.8	20.0	20.3	-0.2	-0.5
251	Household furniture	9.5	9.6	9.5	-0.1	0.0
252	Office furniture	4.8	4.7	5.0	0.1	-0.2
	Other furniture & fixtures	5.5	5.7	5.8	-0.2	-0.3
32	Stone, clay & glass products	61.8	62.4	64.3	-0.6	-2.5
322	Glass & glassware, pressed or blown	15.8	16.0	16.7	-0.2	-0.9
3221	Glass containers	8.3	8.3	9.3	0.0	-1.0
3229	Other pressed or blown glass	7.5	7.7	7.4	-0.2	0.1
324	Hydraulic cement	2.9	3.2	3.6	-0.3	-0.7
325	Structural clay products	6.5	6.5	6.7	0.0	-0.2
326	Pottery & related products	4.9	5.0	5.3	-0.1	-0.4
327	Concrete, gypsum & plaster products	8.6	8.4	8.8	0.2	-0.2
	Other stone, clay & glass products	23.1	23.3	23.2	-0.2	-0.1
33	Primary metal industries	197.3	197.4	201.6	-0.1	-4.3
331	Blast furnace & basic steel products	147.9	147.8	149.8	0.1	-1.9
3312	Blast furnaces & steel mills	134.7	134.7	137.8	0.0	-3.1
	Other basic steel products	13.2	13.1	12.0	0.1	1.2
332	Iron & steel foundries	20.4	20.3	20.5	0.1	-0.1
3321	Gray iron foundries	7.9	7.7	8.1	0.2	-0.2
3325	Steel foundries, n.e.c.	7.6	7.6	7.4	0.0	0.2
3322,4	Malleable iron & steel invest.	4.9	5.0	5.0	-0.1	-0.1
335	Nonferrous rolling & drawing	12.7	13.0	13.4	-0.3	-0.7
336	Nonferrous foundries	7.7	7.8	7.8	-0.1	-0.1
	Other primary metal products	8.6	8.5	10.1	0.1	-1.5
34	Fabricated metal products,(incl. ordnance)	114.6	116.6	116.0	-2.0	-1.4
341	Metal cans & shipping containers	4.9	4.9	5.2	0.0	-0.3
342	Cutlery, hand tools & hardware	7.6	7.8	7.6	-0.2	0.0
343	Plumbing & heating exc. electrical	3.6	3.6	3.5	0.0	0.1
344	Fabricated structural metal products	36.4	37.1	36.2	-0.7	0.2
3441	Fabricated structural metal	9.2	9.3	9.2	-0.1	0.0
3443	Fabricated plate work (boiler shops)	11.1	11.3	11.3	-0.2	-0.2
	Other fabricated struct. metal products	16.1	16.5	15.7	-0.4	0.4
345	Screw machine products, bolts, etc.	9.2	9.1	9.1	0.1	0.1
346	Metal forgings & stampings	20.4	21.3	21.7	-0.9	-1.3
3462	Iron & steel forgings	6.3	6.6	6.5	-0.3	-0.2
	Other metal forgings & stampings	14.1	14.7	15.2	-0.6	-1.1
347,8	Metal services & ordnance, n.e.c.	8.3	8.2	8.2	0.1	0.1
349	Misc. fabricated metal products	24.2	24.6	24.5	-0.4	-0.3
3494	Valves & pipe fittings	11.2	11.2	11.0	0.0	0.2
	Other misc. fabricated metal products	13.0	13.4	13.5	-0.4	-0.5
35	Machinery, exc. electrical	146.3	146.3	143.6	0.0	2.7
351	Engines & turbines	7.2	7.2	7.5	0.0	-0.3
352	Farm & garden machinery	4.9	4.8	4.4	0.1	0.5
353	Construction & related machinery	25.7	25.9	25.8	-0.2	-0.1
3531	Construction machinery	9.3	9.5	9.8	-0.2	-0.5
3535	Conveyors & conveying equipment	3.3	3.3	3.4	0.0	-0.1
	Other construction & related machinery	13.1	13.1	12.6	0.0	0.5
354	Metal working machinery	24.7	24.7	23.9	0.0	0.8
355	Special industry machinery	13.9	13.8	13.2	0.1	0.7
356	General industrial machinery	29.8	29.8	29.7	0.0	0.1
3561	Pumps & pumping equipment	3.9	4.0	4.0	-0.1	-0.1
3562	Ball & roller bearings	4.3	4.3	4.5	0.0	-0.2
3563	Air & gas compressors	5.4	5.4	5.3	0.0	0.1
3567	Industrial furnaces & ovens	4.1	4.1	4.0	0.0	0.1
	Other general industrial machinery	12.1	12.0	11.9	0.1	0.2

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(cont.)

Industry Detail

(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Apr. 1980	Mar. 1980	Apr. 1979	Mar. 1980	Apr. 1979
357	Office and computing machines	13.3	12.9	12.8	0.4	0.5
358	Refrigeration & service industry machinery	11.7	11.9	11.8	-0.2	-0.1
359	Misc. machinery, exc. electrical	15.1	15.3	14.5	-0.2	0.6
36	Electric & electronic equipment	125.1	126.7	127.0	-1.6	-1.9
361	Electric distributing equipment	18.3	18.5	20.4	-0.2	-2.1
3612	Transformers	6.1	6.1	6.5	0.0	-0.4
3613	Switchgear & switchboard apparatus	12.2	12.4	13.9	-0.2	-1.7
362	Electrical industrial apparatus	23.8	24.0	24.1	-0.2	-0.3
363	Household appliances	4.5	4.5	4.6	0.0	-0.1
364	Electric lighting & wiring equipment	22.3	22.6	22.4	-0.3	-0.1
3643	Current-carrying wiring devices	11.5	11.4	11.2	0.1	0.3
	Other electric light & wiring equipment	10.8	11.2	11.2	-0.4	-0.4
366	Communication equipment	8.9	9.0	8.7	-0.1	0.2
367	Electronic components & accessories	37.1	37.2	35.3	-0.1	1.8
3674	Semiconductors & related devices	12.8	12.8	11.3	0.0	1.5
	Other electronic components & accessories	24.3	24.4	24.0	-0.1	0.3
	Other electrical equipment & supplies	10.2	10.9	11.5	-0.7	-1.3
37	Transportation equipment	82.7	86.8	86.9	-4.1	-4.2
371	Motor vehicles & equipment	28.5	29.6	32.9	-1.1	-4.4
3714	Motor vehicle parts & accessories	11.0	11.8	12.9	-0.8	-1.9
	Other motor vehicles & equipment	17.5	17.8	20.0	-0.3	-2.5
372	Aircraft & parts	10.7	12.2	11.7	-1.5	-1.0
373	Ship & boat building & repairing	7.7	8.2	7.7	-0.5	0.0
374	Railroad equipment	23.5	23.7	23.5	-0.2	0.0
	Other transportation equipment	12.3	13.1	11.1	-0.8	1.2
38	Instruments & related products	42.8	43.2	43.0	-0.4	-0.2
382	Measuring & controlling devices	23.5	23.8	23.7	-0.3	-0.2
384	Medical instruments & supplies	11.5	11.6	11.8	-0.1	-0.3
	Other instruments & related products	7.8	7.8	7.5	0.0	0.3
39	Miscellaneous manufacturing industries	24.4	24.7	26.5	-0.3	-2.1
	TOTAL NONDURABLE GOODS	529.6	525.4	537.5	4.2	-7.9
20	Food & kindred products	97.1	96.8	98.7	0.3	-1.6
201	Meat products	16.6	16.9	15.9	-0.3	0.7
2011	Meat packing plants	5.3	5.4	5.1	-0.1	0.2
2013	Sausages & other prepared meats	5.6	5.7	5.5	-0.1	0.1
2016,7	Poultry dressing & processing	5.7	5.8	5.3	-0.1	0.4
202	Dairy products	11.7	11.5	11.7	0.2	0.0
2026	Fluid milk	6.7	6.7	6.9	0.0	-0.2
	Other dairy products	5.0	4.8	4.8	0.2	0.2
203	Preserved fruits & vegetables	11.6	11.4	12.8	0.2	-1.2
2033	Canned fruits & vegetables	4.9	4.8	5.4	0.1	-0.5
	Other preserved fruits & vegetables	6.7	6.6	7.4	0.1	-0.7
204	Grain mill products	5.1	5.2	5.0	-0.1	0.1
205	Bakery products	19.5	18.8	19.9	0.7	-0.4
2051	Bread, cake & related products	14.4	14.5	15.3	-0.1	-0.9
2052	Cookies & crackers	5.1	4.3	4.6	0.8	0.5
206	Sugar & confectionery products	14.9	15.3	15.5	-0.4	-0.6
2065	Confectionery products	5.9	6.1	6.5	-0.2	-0.6
2066	Chocolate & cocoa products	5.8	6.1	5.8	-0.3	0.0
	Other sugar products	3.2	3.1	3.2	0.1	0.0
208	Beverages	9.4	9.3	9.7	0.1	-0.3
	Other food & kindred products	8.3	8.4	8.2	-0.1	0.1
21	Tobacco manufacturers	3.2	3.2	3.7	0.0	-0.5
22	Textile mill products	47.4	47.4	48.9	0.0	-1.5
222	Weaving mills, synthetics	4.6	4.5	4.5	0.1	0.1
225	Knitting mills	24.3	24.2	24.7	0.1	-0.4
2253	Knit outerwear mills	12.5	12.4	12.7	0.1	-0.2
2254	Knit underwear mills	4.8	4.8	5.1	0.0	-0.3
	Other knitting mills	7.0	7.0	6.9	0.0	0.1
227	Floor covering mills	3.6	3.9	4.1	-0.3	-0.5
228	Yarn & thread mills	4.8	4.7	5.3	0.1	-0.5
	Other textile mill products	10.1	10.1	10.3	0.0	-0.2

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(concl.) Industry Detail

(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Apr. 1980	Mar. 1980	Apr. 1979	Mar. 1980	Apr. 1979
23	Apparel & other textile products	126.9	126.2	132.5	0.7	-5.6
231	Men's & boys' suits & coats	15.0	14.6	15.3	0.4	-0.3
232	Men's & boys' furnishings	25.0	24.4	24.9	0.6	0.1
2321	Men's & boys' shirts & nightwear	8.7	8.7	9.2	0.0	-0.5
2327	Men's & boys' separate trousers	6.2	6.2	6.1	0.0	0.1
	Other furnishings and work clothing	10.1	9.5	9.6	0.6	0.5
233	Women's & misses' outerwear	57.5	57.8	61.6	-0.3	-4.1
234	Women's & children's undergarments	10.0	10.1	10.5	-0.1	-0.5
236	Children's outerwear	6.9	6.7	7.6	0.2	-0.7
	Other apparel & textile products	12.5	12.6	12.6	-0.1	-0.1
26	Paper & allied products	43.1	43.7	44.8	-0.6	-1.7
262	Paper mills exc. building paper	12.0	11.8	12.2	0.2	-0.2
265	Paper board containers & boxes	13.9	14.3	15.2	-0.4	-1.3
2653	Corrugated & solid fiber boxes	7.4	7.5	7.9	-0.1	-0.5
	Other paperboard containers	6.5	6.8	7.3	-0.3	-0.8
	Other paper & allied products	17.2	17.6	17.4	-0.4	-0.2
27	Printing & publishing	74.4	73.9	71.7	0.5	2.7
271	Newspapers	26.0	26.1	25.4	-0.1	0.6
273	Books	8.5	8.2	8.0	0.3	0.5
275	Commercial printing	21.5	21.2	20.6	0.3	0.9
2752	Lithographing	10.8	10.7	10.2	0.1	0.6
	Other commercial printing	10.7	10.5	10.4	0.2	0.3
276	Manifold business forms	3.7	3.8	3.7	-0.1	0.0
	Other printing & publishing	14.7	14.6	14.0	0.1	0.7
28	Chemicals & allied products	62.4	62.1	60.6	0.3	1.8
281	Industrial inorganic chemicals	11.4	11.2	10.7	0.2	0.7
282	Plastic materials & synthetics	8.7	8.7	8.7	0.0	0.0
283	Drugs	18.2	18.0	17.0	0.2	1.2
284	Soap, cleaners & toilet goods	3.2	3.2	3.2	0.0	0.0
285	Paints & allied products	4.4	4.4	4.4	0.0	0.0
	Other chemicals & allied products	16.5	16.6	16.6	-0.1	-0.1
29	Petroleum & coal products	16.8	14.7	17.2	2.1	-0.4
291	Petroleum refining	13.1	11.1	13.1	2.0	0.0
	Other petroleum & coal products	3.7	3.6	4.1	0.1	-0.4
30	Rubber & misc. plastics products	40.6	40.1	41.6	0.5	-1.0
301	Tires & inner tubes	6.8	6.3	8.1	0.5	-1.3
306	Fabricated rubber products, nec	5.3	5.3	5.3	0.0	0.0
	Other rubber & plastic products, nec	28.5	28.5	28.2	0.0	0.3
31	Leather & leather products	17.7	17.3	17.8	0.4	-0.1
314	Footwear, exc. rubber	14.0	13.5	13.9	0.5	0.1
3143	Men's footwear, exc. athletic	5.4	5.1	5.8	0.3	-0.4
3144	Women's footwear, exc. athletic	4.8	4.6	4.3	0.2	0.5
	Other footwear	3.8	3.8	3.8	0.0	0.0
	Other leather & leather products	3.7	3.8	3.9	-0.1	-0.2

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
TOTAL MANUFACTURING INDUSTRIES	$288.67	$286.03	$265.30	38.8	38.6	38.9	$7.44	$7.41	$6.82
TOTAL DURABLE GOODS	326.70	324.72	301.50	39.6	39.6	40.2	8.25	8.20	7.50
Lumber & wood products	215.34	214.45	194.78	38.8	38.5	38.8	5.55	5.57	5.02
Millwork, plywood & structural	222.48	211.31	205.54	39.1	37.4	39.3	5.69	5.65	5.23
Other lumber & wood products	212.46	216.06	189.53	38.7	39.0	38.6	5.49	5.54	4.91
Furniture & fixtures	239.16	237.07	207.86	39.4	38.8	38.0	6.07	6.11	5.47
Household furniture	215.60	209.76	187.75	39.2	38.0	37.4	5.50	5.52	5.02
Office furniture	246.35	251.74	228.73	37.9	38.2	38.9	6.50	6.59	5.88
Other furniture & fixtures	278.78	275.52	223.27	41.3	41.0	38.1	6.75	6.72	5.86
Stone, clay & glass products	304.00	309.96	293.99	40.0	41.0	41.7	7.60	7.56	7.05
Glass & glassware, pressed or blown	244.94	261.72	280.53	33.1	36.3	39.4	7.40	7.21	7.12
Glass containers	212.24	231.19	299.43	28.0	31.8	40.3	7.58	7.27	7.43
Other pressed or blown glass	279.51	292.13	256.32	38.5	40.8	38.2	7.26	7.16	6.71
Hydraulic cement	378.10	410.04	372.89	38.0	40.2	40.4	9.95	10.20	9.23
Structural clay products	269.17	266.23	264.58	39.7	39.5	41.6	6.78	6.74	6.36
Pottery & related products	289.91	286.12	264.55	42.2	42.2	41.4	6.87	6.78	6.39
Concrete, gypsum & plaster prods.	283.20	274.25	279.48	40.0	38.9	42.8	7.08	7.05	6.53
Other stone, clay & glass prods.	376.30	378.61	322.95	46.4	46.8	44.3	8.11	8.09	7.29
Primary metal industries	397.86	390.75	396.68	38.0	37.5	42.2	10.47	10.42	9.40
Blast furnace & basic steel prods.	426.61	415.58	436.45	37.0	36.2	43.0	11.53	11.48	10.15
Blast furnaces & steel mills	432.98	420.19	446.26	36.6	35.7	43.2	11.83	11.77	10.33
Other basic steel products	364.08	371.90	333.72	41.0	41.6	41.2	8.88	8.94	8.10
Iron & steel foundries	304.98	312.44	280.91	39.2	39.7	38.8	7.78	7.87	7.24
Gray iron foundries	299.05	304.76	285.42	39.4	40.1	40.2	7.59	7.60	7.10
Steel foundries, n.e.c.	305.73	309.57	283.87	38.7	38.6	37.9	7.90	8.02	7.49
Malleable iron & steel invest.	313.24	330.88	271.32	39.5	40.9	38.0	7.93	8.09	7.14
Nonferrous rolling & drawing	328.78	329.57	268.80	41.2	41.3	38.4	7.98	7.98	7.00
Nonferrous foundries	305.72	298.85	259.75	43.8	43.0	39.9	6.98	6.95	6.51
Other primary metal products	321.39	317.90	308.60	42.4	42.5	43.1	7.58	7.48	7.16
Fabricated metal prods., incl. ordn.	293.14	301.55	261.23	39.4	40.1	38.7	7.44	7.52	6.75
Metal cans & shipping containers	329.94	335.36	316.16	39.8	39.5	41.6	8.29	8.49	7.60
Cutlery, hand tools & hardware	246.85	243.81	215.27	40.6	40.1	37.7	6.08	6.08	5.71
Plumbing & heating exc. electrical	276.05	283.79	250.67	39.1	40.6	40.3	7.06	6.99	6.22
Fabricated structural metal prods.	284.79	288.29	252.83	38.8	39.6	38.6	7.34	7.28	6.55
Fabricated struct. metal	273.06	288.17	250.64	33.3	35.1	34.1	8.20	8.21	7.35
Fab. plate work (boiler shops)	287.83	296.12	267.15	39.7	40.9	40.6	7.25	7.24	6.58
Other fab. struct. metal prods.	288.81	282.36	243.97	41.2	41.1	39.8	7.01	6.87	6.13
Screw machine products, bolts, etc.	297.11	302.73	246.63	40.7	41.3	38.9	7.30	7.33	6.34
Metal forgings & stampings	333.14	366.96	310.07	37.6	39.8	39.2	8.86	9.22	7.91
Iron & steel forgings	318.06	313.59	290.56	41.2	41.1	40.3	7.72	7.63	7.21
Other metal forgings & stampings	338.88	386.12	316.61	36.4	39.4	38.8	9.31	9.80	8.16
Metal services & ordnance, n.e.c.	282.46	281.26	258.33	40.7	41.0	39.5	6.94	6.86	6.54
Misc. fabricated metal products	285.01	282.91	237.86	40.6	40.3	37.4	7.02	7.02	6.36
Valves & pipe fittings	287.20	293.63	244.72	40.0	40.5	38.0	7.18	7.25	6.44
Other misc. fab. metal products	282.90	274.69	232.73	41.0	40.1	37.0	6.90	6.85	6.29
Machinery, exc. electrical	331.14	330.22	286.63	41.6	41.8	40.2	7.96	7.90	7.13
Engines & turbines	365.94	357.86	260.59	42.7	42.4	36.6	8.57	8.44	7.12
Farm & garden machinery	453.25	439.21	358.21	49.0	50.6	45.4	9.25	8.68	7.89
Construction & related machinery	333.83	323.59	296.00	39.6	38.5	40.0	8.43	8.34	7.40
Construction machinery	341.10	325.01	307.53	37.9	36.6	40.2	9.00	8.88	7.65
Conveyors & conveying equipment	308.91	310.99	224.83	40.7	41.3	37.1	7.59	7.53	6.06
Other constr. & related mach.	331.30	325.22	295.47	40.8	40.3	40.2	8.12	8.07	7.35
Metal working machinery	318.79	321.60	292.79	39.7	40.1	39.3	8.03	8.02	7.45
Special industry machinery	318.59	318.52	260.44	41.7	41.8	38.3	7.64	7.62	6.80
General industrial machinery	345.64	348.20	297.93	44.2	44.3	42.2	7.82	7.86	7.06
Pumps & pumping equipment	320.00	334.94	274.91	40.1	41.3	39.9	7.98	8.11	6.89
Ball & roller bearings	304.52	330.96	290.69	39.6	42.0	41.0	7.69	7.88	7.09
Air & gas compressors	413.32	376.66	308.39	51.6	47.2	44.5	8.01	7.98	6.93
Industrial furnaces & ovens	299.92	311.60	290.48	38.5	40.0	40.4	7.79	7.79	7.19
Other general industrial mach.	353.08	355.55	302.74	45.5	45.7	42.7	7.76	7.78	7.09
Office and computing machines	364.68	368.51	346.46	41.3	42.9	43.8	8.83	8.59	7.91
Refrigeration & serv. ind. mach.	266.51	259.52	221.43	39.6	39.5	36.6	6.73	6.57	6.05
Misc. machinery, exc. electrical	314.67	317.90	275.26	41.9	42.5	40.9	7.51	7.48	6.73

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

(cont.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
Electric & electronic equipment	$284.92	$282.49	$250.63	40.3	39.9	39.1	$7.07	$7.08	$6.41
Electric distributing equipment	345.28	342.79	311.95	41.4	41.4	41.1	8.34	8.28	7.59
Transformers	327.27	324.30	301.56	39.1	39.5	42.0	8.37	8.21	7.18
Switchgear & switchbrd apparatus	353.60	351.94	317.05	42.5	42.3	40.7	8.32	8.32	7.79
Electrical industrial apparatus	276.67	275.66	263.34	39.3	39.1	39.6	7.04	7.05	6.65
Household appliances	256.70	234.18	247.41	38.2	34.9	37.6	6.72	6.71	6.58
Electric lighting & wiring equip.	290.44	287.58	219.04	42.4	41.8	37.7	6.85	6.88	5.81
Current-carrying wiring devices	325.78	324.35	231.47	45.5	45.3	39.1	7.16	7.16	5.92
Other elect lght & wirng equip.	264.66	263.47	211.23	40.1	39.5	36.8	6.60	6.67	5.74
Communication equipment	314.47	322.82	281.46	41.0	41.6	39.2	7.67	7.76	7.18
Electronic components & access.	280.13	275.81	239.60	41.5	40.8	40.0	6.75	6.76	5.99
Semiconductors & related devices	350.20	356.58	292.73	42.5	42.5	40.1	8.24	8.39	7.30
Other electronic comp.& access.	244.77	235.60	215.86	41.0	40.0	39.9	5.97	5.89	5.41
Other electrical equip. & supplies	218.79	223.98	209.57	33.2	34.3	35.4	6.59	6.53	5.92
Transportation equipment	358.80	351.12	311.65	40.0	39.9	39.4	8.97	8.80	7.91
Motor vehicles & equipment	362.50	355.16	324.69	38.4	38.9	38.7	9.44	9.13	8.39
Motor vehicle parts & access.	361.37	364.43	342.23	37.8	38.2	40.5	9.56	9.54	8.45
Other motor vehicles & equip.	363.17	347.90	310.25	38.8	39.4	37.2	9.36	8.83	8.34
Aircraft & parts	373.47	358.18	303.75	42.2	41.6	40.5	8.85	8.61	7.50
Ship & boat building & repairing	358.68	344.16	287.10	39.2	38.8	39.6	9.15	8.87	7.25
Railroad equipment	364.31	368.68	314.11	39.3	39.6	38.4	9.27	9.31	8.18
Other transportation equipment	323.30	295.67	292.13	45.6	43.1	44.6	7.09	6.86	6.55
Instruments & related products	269.79	270.36	239.90	39.7	39.5	39.2	6.81	6.83	6.12
Measuring & controlling devices	293.64	293.87	254.48	41.3	41.1	39.7	7.11	7.15	6.41
Medical instruments & supplies	229.42	229.59	215.99	36.3	36.5	38.5	6.32	6.29	5.61
Other instruments & related prods.	258.19	251.55	230.06	39.6	38.7	38.6	6.52	6.50	5.96
Misc. manufacturing industries	267.70	266.66	244.05	39.6	39.8	38.8	6.76	6.70	6.29
TOTAL NONDURABLE GOODS	229.64	225.94	209.59	37.4	37.1	36.9	6.14	6.09	5.68
Food & kindred products	264.03	259.62	242.09	39.0	39.1	39.3	6.77	6.64	6.16
Meat products	252.95	267.45	257.71	38.5	40.4	41.7	6.57	6.62	6.18
Meat packing plants	290.94	287.64	297.73	37.3	37.6	42.9	7.80	7.65	6.94
Sausages & other prepared meats	260.75	301.84	274.17	34.4	38.5	39.0	7.58	7.84	7.03
Poultry dressing & processing	214.00	221.61	203.86	42.8	44.5	43.1	5.00	4.98	4.73
Dairy products	290.49	285.38	265.44	42.1	41.6	42.2	6.90	6.86	6.29
Fluid milk	310.87	286.06	263.55	43.6	41.1	41.9	7.13	6.96	6.29
Other dairy products	275.93	284.08	266.70	41.0	41.9	42.4	6.73	6.78	6.29
Preserved fruits & vegetables	222.16	215.99	190.43	36.6	35.7	35.2	6.07	6.05	5.41
Canned fruits & vegetables	186.37	173.22	161.27	36.4	34.3	35.6	5.12	5.05	4.53
Other preserved fruits & vegs.	250.66	251.29	21.359	36.7	36.9	34.9	6.83	6.81	6.12
Grain mill products	298.87	311.42	254.41	41.8	43.8	38.2	7.15	7.11	6.66
Bakery products	252.85	234.85	228.65	38.9	38.5	38.3	6.50	6.10	5.97
Bread, cake & related products	254.76	256.47	222.75	38.6	38.8	37.5	6.60	6.61	5.94
Cookies & crackers	248.61	171.08	243.01	39.4	37.6	40.3	6.31	4.55	6.03
Sugar & confectionery products	269.38	255.14	246.62	36.6	36.5	38.0	7.36	6.99	6.49
Confectionery products	222.53	210.63	214.26	34.5	34.7	36.5	6.45	6.07	5.87
Chocolate & cocoa products	298.58	282.98	258.72	39.6	38.5	39.2	7.54	7.34	6.60
Other sugar products	313.41	298.00	297.97	35.9	36.7	38.9	8.73	7.12	7.66
Beverages	341.96	331.70	311.83	41.5	40.5	42.6	8.24	8.19	7.32
Other food & kindred products	242.90	237.10	228.11	41.1	40.6	41.4	5.91	5.84	5.51
Tobacco manufacturers	165.89	157.47	139.12	38.4	36.2	37.6	4.32	4.35	3.70
Textile mill products	186.24	186.25	173.38	37.7	37.4	37.9	4.94	4.98	4.58
Weaving mills, snythetics	201.50	202.31	208.77	40.3	40.3	44.8	5.00	5.02	4.66
Knitting mills	179.41	172.68	160.37	37.3	35.9	36.2	4.81	4.81	4.43
Knit outerwear mills	179.65	169.09	157.71	37.9	35.3	35.6	4.74	4.79	4.43
Knit underwear mills	155.21	153.18	147.78	34.8	34.5	36.4	4.46	4.44	4.06
Other knitting mills	196.08	192.91	175.50	38.0	37.9	37.5	5.16	5.09	4.68
Floor covering mills	219.73	244.41	213.55	36.2	40.6	39.4	6.07	6.02	5.42
Yarn & thread mills	168.50	181.44	160.48	35.7	37.8	38.3	4.72	4.80	4.19
Other textile mill products	194.89	196.35	186.24	38.9	38.5	38.4	5.01	5.10	4.85

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

Industry Detail

(concl.)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
Apparel & other textile products	$151.26	$147.23	$137.03	32.6	31.8	31.5	$4.64	$4.63	$4.35
Men's & boys' suits & coats	204.20	195.84	174.77	36.4	34.6	33.1	5.61	5.66	5.28
Men's & boys' furnishings	155.05	150.23	144.58	35.4	34.3	34.1	4.38	4.38	4.24
Men's & boys' shirts & nightwear	152.95	147.50	141.62	35.0	33.6	33.8	4.37	4.39	4.19
Men's & boys' separate trousers	171.84	165.83	145.04	34.3	33.1	30.6	5.01	5.01	4.74
Other furnishings & wrk. clothng	145.93	142.80	147.90	36.3	35.7	36.7	4.02	4.00	4.03
Women's & misses' outerwear	142.13	140.13	128.63	30.5	30.2	29.3	4.66	4.64	4.39
Women's & children's undergarments	127.83	127.20	130.00	32.2	31.8	34.3	3.97	4.00	3.79
Children's outerwear	135.83	123.85	124.50	28.9	27.1	31.6	4.70	4.57	3.94
Other apparel & textile products	150.86	145.62	131.46	34.6	33.4	32.3	4.36	4.36	4.07
Paper & allied products	309.81	300.08	283.96	44.9	44.0	44.3	6.90	6.82	6.41
Paper mills exc. building paper	411.66	399.23	371.51	49.3	48.1	48.5	8.35	8.30	7.66
Paper board containers & boxes	288.64	276.51	257.86	41.0	39.9	40.8	7.04	6.93	6.32
Corrugated & solid fiber boxes	289.35	277.59	257.42	39.8	38.5	37.8	7.27	7.21	6.81
Other paperboard containers	287.64	275.98	258.27	42.3	41.5	43.7	6.80	6.65	5.91
Other paper & allied products	272.83	269.99	260.93	45.7	45.3	45.3	5.97	5.96	5.76
Printing & publishing	270.09	276.32	245.70	36.4	36.6	35.1	7.42	7.55	7.00
Newspapers	289.16	289.62	264.19	32.6	32.8	32.9	8.87	8.83	8.03
Books	205.45	215.99	199.66	35.3	35.7	35.4	5.82	6.05	5.64
Commercial printing	289.86	302.23	266.79	38.7	39.2	36.9	7.49	7.71	7.23
Lithographing	271.78	298.19	253.45	37.8	39.6	35.9	7.19	7.53	7.06
Other commercial printing	306.92	306.52	280.08	39.5	38.8	37.9	7.77	7.90	7.39
Manifold business forms	293.44	285.38	232.69	39.6	39.2	33.1	7.41	7.28	7.03
Other printing & publishing	258.37	259.18	230.69	36.7	36.3	34.9	7.04	7.14	6.61
Chemicals & allied products	311.67	312.83	293.09	41.5	41.6	42.6	7.51	7.52	6.88
Industrial inorganic chemicals	335.72	333.27	313.40	44.0	44.2	44.9	7.63	7.54	6.98
Plastic materials & synthetics	307.97	315.29	299.38	40.1	41.0	43.2	7.68	7.69	6.93
Drugs	302.25	306.91	278.78	38.8	38.8	39.6	7.79	7.91	7.04
Soap, cleaners & toilet goods	288.16	284.03	269.51	44.4	43.9	44.4	6.49	6.47	6.07
Paints & allied products	253.96	268.98	258.86	34.6	36.3	39.4	7.34	7.41	6.57
Other chemicals & allied products	325.46	321.47	303.16	44.1	43.5	44.0	7.38	7.39	6.89
Petroleum & coal products	437.14	427.49	391.78	42.4	43.4	43.1	10.31	9.85	9.09
Petroleum refining	456.04	444.16	414.19	41.8	42.1	43.1	10.91	10.55	9.61
Other petroleum & coal products	361.26	375.23	314.06	44.6	47.8	43.2	8.10	7.85	7.27
Rubber & misc. plastics products	233.22	231.25	214.32	39.0	38.8	38.0	5.98	5.96	5.64
Tires & inner tubes	325.75	345.65	313.81	39.2	41.1	41.4	8.31	8.41	7.58
Fabricated rubber products, nec	274.55	274.39	242.00	41.1	41.7	40.4	6.68	6.58	5.99
Other rubber & plastic prods., nec	206.66	202.01	183.13	38.7	37.9	36.7	5.34	5.33	4.99
Leather & leather products	172.66	170.04	150.88	38.8	39.0	36.8	4.45	4.36	4.10
Footwear, exc. rubber	158.25	157.54	136.54	37.5	37.6	35.1	4.22	4.19	3.89
Men's footwear, exc. athletic	180.84	176.48	156.78	41.1	40.2	40.2	4.40	4.39	3.90
Women's footwear, exc. athletic	153.71	149.95	120.36	37.4	37.3	31.1	4.11	4.02	3.87
Other footwear	131.46	140.70	128.64	32.3	34.4	32.9	4.07	4.09	3.91
Other leather & leather products	225.85	213.69	196.19	43.6	43.7	42.1	5.18	4.89	4.66
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	343.44	367.88	310.24	42.4	46.1	41.2	8.10	7.98	7.53
Bituminous coal & lignite mining	367.40	374.72	366.18	32.2	34.6	34.0	11.41	10.83	10.77
Nonmetallic minerals, exc. fuels	351.72	331.34	312.23	45.5	43.2	44.1	7.73	7.67	7.08
Communication	341.73	344.44	331.69	39.1	39.5	41.0	8.74	8.72	8.09
Electric, gas, & sanitary services	395.61	398.72	378.79	44.5	44.8	44.2	8.89	8.90	8.57
Electric services	411.11	416.98	395.64	47.2	47.6	47.1	8.71	8.76	8.40
Gas production & distribution	346.51	344.35	319.06	41.9	42.2	40.8	8.27	8.16	7.82
General merchandise stores	131.54	129.06	122.55	26.9	26.5	26.7	4.89	4.87	4.59
Banking	180.74	180.44	163.59	INA	INA	INA	INA	INA	INA
Insurance carriers	219.23	217.64	201.90	INA	INA	INA	INA	INA	INA
Life insurance	203.82	203.16	188.37	INA	INA	INA	INA	INA	INA
Fire, marine & casualty insurance	217.30	215.63	204.86	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$167.23	40.2	$4.16	$187.17	41.5	$4.51	$139.03	38.3	$3.63	$212.38	41.4	$5.13
1974	180.97	39.6	4.57	203.45	41.1	4.95	146.59	37.3	3.93	239.61	41.1	5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1979	278.10	39.9	6.97	316.83	41.2	7.69	219.06	37.9	5.78	397.16	41.5	9.57
1979 Apr.	265.30	38.9	6.82	301.50	40.2	7.50	209.59	36.9	5.68	396.68	42.2	9.40
May.	273.14	39.7	6.88	311.54	41.1	7.58	215.27	37.7	5.71	387.39	41.3	9.38
Jun.	278.29	40.1	6.94	316.30	41.4	7.64	218.12	38.0	5.74	397.00	42.1	9.43
Jul.	277.31	39.9	6.95	313.65	41.0	7.65	221.37	38.3	5.78	397.00	42.1	9.43
Aug.	279.49	39.7	7.04	317.79	40.9	7.77	221.92	38.0	5.84	399.75	41.0	9.75
Sep.	285.51	40.1	7.12	323.42	41.2	7.85	225.00	38.2	5.89	407.12	41.5	9.81
Oct.	284.57	39.8	7.15	323.05	41.1	7.86	224.37	37.9	5.92	397.39	40.8	9.74
Nov.	294.19	40.3	7.30	334.88	41.6	8.05	230.78	38.4	6.01	425.60	41.2	10.33
Dec.	291.34	39.8	7.32	329.65	40.9	8.06	231.87	38.2	6.07	408.35	39.8	10.26
1980 Jan.	285.38	39.2	7.28	322.81	40.2	8.03	227.10	37.6	6.04	386.32	37.8	10.22
Feb.	286.26	39.0	7.34	324.80	40.0	8.12	227.10	37.6	6.04	393.02	37.9	10.37
Mar.	286.03	38.6	7.41	324.72	39.6	8.20	225.94	37.1	6.09	390.75	37.5	10.42
Apr.	288.67	38.8	7.44	326.70	39.6	8.25	229.64	37.4	6.14	397.86	38.0	10.47

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$182.68	41.9	$4.36	$198.77	43.4	$4.58	$167.69	40.8	$4.11	$197.69	41.1	$4.81
1974	196.24	41.4	4.74	209.78	42.9	4.89	175.96	39.9	4.41	215.54	40.9	5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1979	285.93	40.5	7.06	311.33	42.3	7.36	266.64	40.4	6.60	348.60	42.0	8.30
1979 Apr.	261.23	38.7	6.75	286.63	40.2	7.13	250.63	39.1	6.41	311.65	39.4	7.91
May.	288.23	41.0	7.03	303.47	41.8	7.26	261.55	40.3	6.49	333.33	41.0	8.13
Jun.	288.36	40.5	7.12	309.33	42.2	7.33	264.31	40.6	6.51	334.15	41.0	8.15
Jul.	282.80	40.0	7.07	303.99	41.7	7.29	259.24	39.7	6.53	334.55	40.7	8.22
Aug.	283.60	40.0	7.09	312.28	42.2	7.40	257.90	39.8	6.48	341.04	40.6	8.40
Sep.	286.80	40.0	7.17	318.33	42.5	7.49	271.62	40.3	6.74	350.26	41.5	8.44
Oct.	292.66	40.2	7.28	321.73	42.5	7.57	273.91	40.4	6.78	355.28	41.7	8.52
Nov.	299.30	41.0	7.30	329.84	43.4	7.60	283.73	41.3	6.87	349.76	41.1	8.51
Dec.	304.79	41.3	7.38	327.76	42.9	7.64	280.95	40.6	6.92	349.61	40.7	8.59
1980 Jan.	296.38	40.6	7.30	329.80	42.5	7.76	281.48	40.5	6.95	353.87	41.1	8.61
Feb.	298.56	40.4	7.39	329.33	41.9	7.86	285.31	40.7	7.01	349.74	40.2	8.70
Mar.	301.55	40.1	7.52	330.22	41.8	7.90	282.49	39.9	7.08	351.12	39.9	8.80
Apr.	293.14	39.4	7.44	331.14	41.6	7.96	284.92	40.3	7.07	358.80	40.0	8.97

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$158.36	40.5	$3.91	$120.43	39.1	$3.08	$ 99.71	33.8	$2.95	$180.81	38.8	$4.66
1974	171.68	40.3	4.26	124.74	37.8	3.30	103.02	32.6	3.16	189.52	38.0	4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1979	251.20	40.0	6.28	178.26	38.5	4.63	143.44	32.6	4.40	263.87	36.7	7.19
1979 Apr.	242.09	39.3	6.16	173.58	37.9	4.58	137.03	31.5	4.35	245.70	35.1	7.00
May.	248.00	40.0	6.20	180.11	38.9	4.63	139.54	32.3	4.32	254.54	35.8	7.11
Jun.	248.58	39.9	6.23	182.82	39.4	4.64	143.77	32.9	4.37	256.68	36.0	7.13
Jul.	253.49	40.3	6.29	178.31	38.1	4.68	145.25	33.7	4.31	265.27	37.1	7.15
Aug.	256.07	40.2	6.37	180.01	38.3	4.70	142.79	32.6	4.38	266.35	37.2	7.16
Sep.	256.14	40.4	6.34	181.93	38.3	4.75	146.17	32.7	4.47	268.93	37.3	7.21
Oct.	248.77	39.3	6.33	185.85	38.8	4.79	148.98	32.6	4.57	265.70	36.8	7.22
Nov.	261.06	40.6	6.43	188.37	39.0	4.83	149.77	32.7	4.58	276.77	37.3	7.42
Dec.	266.18	40.7	6.54	186.73	38.5	4.85	147.23	31.8	4.63	291.39	38.8	7.51
1980 Jan.	259.24	39.7	6.53	191.12	38.5	4.99	149.12	32.0	4.66	274.91	37.0	7.43
Feb.	260.95	39.3	6.64	185.71	37.9	4.90	152.06	32.7	4.65	271.50	36.2	7.50
Mar.	259.82	39.1	6.64	186.25	37.4	4.98	147.23	31.8	4.63	276.33	36.4	7.55
Apr.	264.03	39.0	6.77	186.24	37.7	4.94	151.26	32.6	4.64	270.09	36.6	7.42

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1969	$127.52	40.1	$3.18	112.7	109.8	$116.14	$ 11.38
1970	131.71	39.2	3.36	119.1	116.3	113.25	18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
MANUFACTURING	984.2	988.8	994.2	38,158.5	38,208.0	38,687.5	283,902.4	283,210.1	263,809.6
DURABLE GOODS	594.4	604.3	602.6	23,564.3	23,931.3	24,223.9	194,333.7	196,227.7	181,635.2
NONDUR. GOODS	389.8	384.5	391.6	14,594.2	14,276.7	14,463.6	89,568.7	86,982.4	82,174.4

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Group
(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.5	809.3	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,369.2	828.0	21.9	20.2	63.8	199.2	112.5	137.8
1979	1,389.8	853.9	22.5	20.4	65.0	203.2	116.0	142.5
1979 Apr.	1,389.5	852.0	22.8	20.3	64.3	201.6	116.0	143.6
May	1,392.2	855.2	22.9	20.2	65.0	202.5	115.9	143.4
Jun.	1,409.8	866.4	23.2	20.3	67.1	207.1	116.6	144.6
Jul.	1,397.1	861.9	22.9	19.7	67.0	206.8	114.7	142.9
Aug.	1,340.4	852.0	23.1	20.5	66.4	207.1	116.1	141.1
Sep.	1,398.0	861.5	23.0	20.8	65.6	204.7	116.0	143.2
Oct.	1,394.6	860.0	22.8	20.9	65.0	202.5	116.3	144.0
Nov.	1,390.2	857.2	22.2	20.8	64.5	201.9	116.2	142.5
Dec.	1,383.7	853.0	21.7	20.3	64.6	200.7	116.6	143.4
1980 Jan.	1,374.3	846.9	22.3	20.3	62.7	198.7	115.9	146.7
Feb.	1,372.0	845.8	22.7	20.0	62.0	197.3	115.8	146.7
Mar.	1,372.2	846.8	22.7	20.0	62.4	197.4	116.6	146.3
Apr.	1,366.8	837.2	22.4	19.8	61.8	197.3	114.6	146.3

Year and Month	Electric and Electronic Equipment	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.3	37.3	27.8	532.2	98.8	3.6	49.4
1978	123.9	81.8	40.3	26.6	541.2	99.7	4.0	50.6
1979	127.1	87.8	42.9	26.6	536.0	100.1	3.6	48.4
1979 Apr.	127.0	86.9	43.0	26.5	537.5	98.7	3.7	48.9
May	128.8	87.1	43.1	26.3	537.0	98.0	3.7	48.6
Jun.	128.3	88.4	43.7	27.1	543.4	99.6	3.7	49.1
Jul.	129.1	88.5	43.4	26.9	535.2	99.9	3.6	47.6
Aug.	119.4	87.5	43.4	27.4	538.4	101.7	3.5	48.4
Sep.	128.9	89.4	42.8	27.1	536.5	102.2	3.4	48.2
Oct.	128.4	90.1	42.7	27.3	534.6	102.2	3.3	48.0
Nov.	129.2	90.4	42.8	26.7	533.0	101.4	3.3	48.1
Dec.	128.9	88.1	42.8	25.9	530.7	102.1	3.2	47.5
1980 Jan.	129.2	83.3	43.1	24.7	527.4	99.3	3.3	46.7
Feb.	127.1	86.5	43.0	24.7	526.2	97.7	3.2	47.1
Mar.	126.7	86.8	43.2	24.7	525.4	96.8	3.2	47.4
Apr.	125.1	82.7	42.8	24.4	529.6	97.1	3.2	47.4

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)
Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	135.2	61.0	44.4	71.1	59.9	17.3	39.9	19.2
1979	128.8	58.9	44.8	72.1	61.0	17.4	42.0	17.8
1979 Apr.	132.5	61.6	44.8	71.7	60.6	17.2	41.6	17.8
May	131.5	60.5	44.5	72.0	60.9	17.6	42.2	18.0
Jun.	132.3	61.0	45.0	72.3	61.9	18.2	42.9	18.4
Jul.	127.1	57.9	45.1	72.2	62.0	18.1	42.6	17.0
Aug.	126.6	56.6	46.1	71.8	61.9	18.2	42.4	17.8
Sep.	126.5	57.0	45.4	71.7	61.2	17.9	42.4	17.6
Oct.	125.6	56.9	44.6	72.0	61.2	17.7	42.5	17.5
Nov.	124.6	56.5	44.2	72.8	61.1	17.8	42.3	17.4
Dec.	122.5	54.3	43.8	73.5	61.5	17.1	42.0	17.5
1980 Jan.	123.7	55.9	43.7	73.3	61.0	16.8	41.9	17.7
Feb.	126.0	57.6	43.5	73.4	61.1	15.7	41.1	17.4
Mar.	126.2	57.8	43.7	73.9	62.1	14.7	40.1	17.3
Apr.	126.9	57.5	43.1	74.4	62.4	16.8	40.6	17.7

TABLE 12. SELECTED PENNSYLVANIA INDICES
(Not Adjusted)
1967 = 100

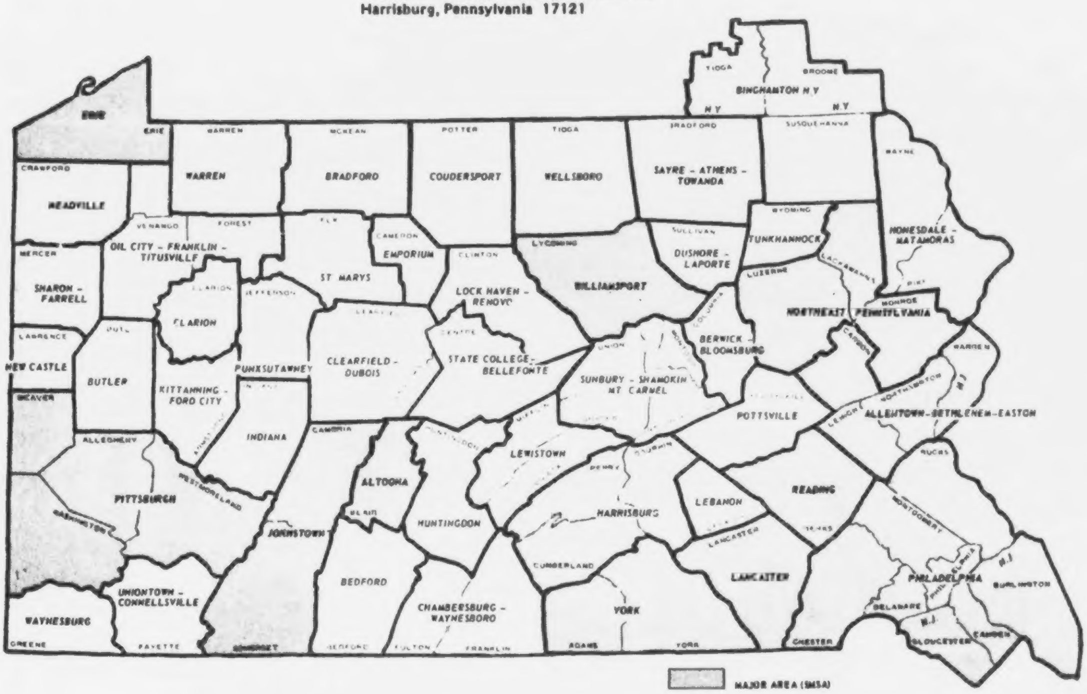
	1980		1979	1978	ANNUAL AVERAGE	
Industry Group	Apr.	Mar.	Apr.	Apr.	1979	1978
EMPLOYMENT						
All Manufacturing	87.8	88.1	89.2	87.1	89.3	87.9
Primary Metals	77.0	77.0	78.7	76.0	79.3	77.7
Apparel	70.7	70.3	73.8	75.4	71.7	75.3
All Nonmanufacturing	131.7	130.3	131.4	128.1	131.8	128.5
Construction	107.8	99.6	109.0	104.6	113.4	109.6
Retail Trade	126.5	125.6	130.6	130.0	130.9	131.0
Services	162.1	159.1	155.4	146.8	157.1	148.1
Government	128.4	128.5	129.8	130.1	127.4	127.8

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to:

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121


TIOGA
BROOME
BINGHAMTON N.Y
N.Y
N.Y
ERIE
ERIE
WARREN
MCKEAN
POTTER
TIOGA
BRADFORD
SUSQUEHANNA
WAYNE
CRAWFORD
MEADVILLE
WARREN
BRADFORD
COUDERSPORT
WELLSBORO
SAYRE - ATHENS - TOWANDA
VENANGO
FOREST
ELK
CAMERON
EMPORIUM
CLINTON
LYCOMING
SULLIVAN
WYOMING
TUNKHANNOCK
HONESDALE - MATAMORAS
MERCER
OIL CITY - FRANKLIN - TITUSVILLE
ST MARYS
LOCK HAVEN - RENOVO
WILLIAMSPORT
DUSHORE - LAPORTE
LUZERNE
LACKAWANNA
PIKE
SHARON - FARRELL
CLARION
JEFFERSON
CLARION
MONROE
NORTHEAST PENNSYLVANIA
LAWRENCE
BUTLER
CENTRE
UNION
COLUMBIA
MONTOUR
BERWICK - BLOOMSBURG
CARBON
WARREN
NEW CASTLE
BUTLER
PUNXSUTAWNEY
CLEARFIELD - DUBOIS
STATE COLLEGE - BELLEFONTE
SUNBURY - SHAMOKIN MT CARMEL
N.J
BEAVER
KITTANNING - FORD CITY
INDIANA
NORTHAMPTON
LEHIGH
ALLENTOWN-BETHLEHEM-EASTON
POTTSVILLE
ALLEGHENY
ARMSTRONG
INDIANA
CAMBRIA
HUNTINGDON
MIFFLIN
LEWISTOWN
DAUPHIN
PERRY
BUCKS
WESTMORELAND
ALTOONA
LEBANON
READING
PITTSBURGH
WASHINGTON
BLAIR
HUNTINGDON
HARRISBURG
MONTGOMERY
JOHNSTOWN
LANCASTER
BERKS
CUMBERLAND
LANCASTER
PHILADELPHIA
N.J
BURLINGTON
BEDFORD
PHILADELPHIA
UNIONTOWN - CONNELLSVILLE
CHAMBERSBURG - WAYNESBORO
YORK
DELAWARE
N.J
WAYNESBURG
CAMDEN
GREENE
FAYETTE
SOMERSET
BEDFORD
FULTON
FRANKLIN
ADAMS
YORK
CHESTER
GLOUCESTER
MAJOR AREA (SMSA)

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN – BETHLEHEM – EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

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TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES MAJOR LABOR MARKET AREAS

(Per 100 Employees)
MARCH 1980

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979
PENNSYLVANIA	1,372.2	2.7	2.8	3.1	1.5	1.4	1.8	1.0	1.2	1.0
ALLENTOWN-BETHLEHEM-EASTON	111.3	2.2	2.4	2.1	1.3	1.3	1.5	0.6	0.9	0.5
ALTOONA	13.4	3.6	1.4	2.1	2.1	0.7	1.4	1.3	0.6	0.7
ERIE	42.9	2.4	1.9	2.9	1.4	1.0	1.3	0.6	0.5	1.1
HARRISBURG	43.5	2.7	2.4	3.3	1.9	1.4	2.5	0.6	0.8	0.6
JOHNSTOWN	19.6	1.9	2.1	1.7	0.4	0.5	0.7	1.2	1.5	1.0
LANCASTER	59.6	2.3	2.7	3.4	1.8	2.0	2.4	0.4	0.5	0.9
NORTHEAST	74.8	3.0	4.0	3.9	1.9	2.0	2.3	1.0	1.7	1.5
SCRANTON	28.7	3.2	3.6	3.5	2.0	1.7	2.3	1.1	1.7	1.1
WILKES-BARRE-HAZLETON	40.9	3.5	4.0	3.3	1.9	1.7	1.9	1.4	1.9	1.1
PHILADELPHIA	448.1	2.8	2.7	2.8	1.8	1.6	1.9	0.8	0.9	0.7
PITTSBURGH	249.8	2.2	2.6	2.2	0.7	0.7	1.1	1.2	1.6	0.7
READING	53.2	2.3	2.2	2.8	1.5	1.5	2.1	0.7	0.6	0.7
WILLIAMSPORT	16.8	1.4	1.5	3.1	0.8	0.7	1.8	0.3	0.7	0.9
YORK	66.5	2.8	3.4	3.5	1.9	2.3	2.8	0.7	1.0	0.6

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979	Mar. 1980	Feb. 1980	Mar. 1979
PENNSYLVANIA	1,372.2	3.0	3.0	2.9	0.9	0.9	1.1	1.4	1.4	1.0
ALLENTOWN-BETHLEHEM-EASTON	111.3	2.3	2.0	2.6	0.8	0.8	1.0	0.9	0.7	1.0
ALTOONA	13.4	4.7	2.6	1.7	0.9	0.5	0.6	2.7	1.9	0.8
ERIE	42.9	2.8	2.9	2.5	0.8	0.6	0.9	1.0	1.2	0.9
HARRISBURG	43.5	2.9	3.1	2.6	1.3	1.1	1.6	0.9	1.2	0.2
JOHNSTOWN	19.6	4.4	2.7	1.8	0.4	0.4	0.7	2.5	1.3	0.7
LANCASTER	59.6	3.0	3.2	3.1	1.5	1.5	1.8	1.0	1.3	0.9
NORTHEAST	74.8	2.7	3.0	3.9	1.0	1.0	1.2	1.3	1.4	2.1
SCRANTON	28.7	3.0	2.7	3.2	1.0	0.9	1.4	1.8	1.4	1.4
WILKES-BARRE-HAZLETON	40.9	2.9	3.5	3.5	1.1	1.0	0.9	1.2	1.8	2.0
PHILADELPHIA	448.1	3.1	2.9	2.5	1.0	0.9	1.1	1.3	1.1	0.7
PITTSBURGH	249.8	2.7	2.5	2.0	0.4	0.4	0.5	1.4	1.3	0.8
READING	53.2	3.5	3.7	3.5	1.0	1.1	1.5	1.8	2.0	1.3
WILLIAMSPORT	16.8	4.5	1.4	2.7	0.5	0.5	1.1	3.6	0.5	1.1
YORK	66.5	2.8	3.4	3.3	1.2	1.6	2.1	1.1	1.3	0.5

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
PENNSYLVANIA	$288.67	$286.03	$265.30	38.8	38.6	38.9	$7.44	$7.41	$6.82
ALLENTOWN-BETHLEHEM-EASTON	295.30	288.77	261.96	38.5	37.6	37.0	7.67	7.68	7.08
ALTOONA	249.45	256.74	232.46	38.2	38.9	39.4	6.53	6.60	5.90
ERIE	304.84	308.43	264.27	40.7	41.4	39.8	7.49	7.45	6.64
HARRISBURG	284.31	283.50	256.00	40.5	40.5	40.0	7.02	7.00	6.40
JOHNSTOWN	309.04	306.08	295.40	37.1	37.1	40.3	8.33	8.25	7.33
LANCASTER	257.65	258.24	230.30	39.7	40.1	39.1	6.49	6.44	5.89
NORTHEAST	206.96	202.63	182.34	36.5	35.8	35.2	5.67	5.66	5.18
SCRANTON	202.36	195.56	185.80	36.2	35.3	35.8	5.59	5.54	5.19
WILKES-BARRE-HAZLETON	208.42	206.49	179.05	36.5	36.1	34.7	5.71	5.72	5.16
PHILADELPHIA	294.32	294.57	266.08	39.4	39.7	38.9	7.47	7.42	6.84
PITTSBURGH	363.09	358.49	339.80	39.9	39.7	40.5	9.10	9.03	8.39
READING	269.60	269.79	224.85	39.3	39.1	36.8	6.86	6.90	6.11
WILLIAMSPORT	258.80	264.65	227.84	38.8	38.3	38.1	6.67	6.91	5.98
YORK	267.19	261.89	236.41	40.3	39.5	39.8	6.63	6.63	5.94

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT
MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	Apr. 1980		Mar. 1980		Apr. 1979	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	6.6	7.0	6.6	6.2	6.6	7.0
PENNSYLVANIA	7.3	7.7	7.8	6.8	6.2	6.6
ALLENTOWN-BETH-EASTON	5.8	6.1	6.4	5.6	5.4	5.7
ALTOONA	8.5	8.8	9.9	8.6	8.1	8.2
ERIE	8.4	8.6	8.8	7.8	6.7	6.9
HARRISBURG	5.5	6.0	5.8	5.0	4.3	4.7
JOHNSTOWN	10.8	12.2	12.0	10.3	7.5	8.5
LANCASTER	4.9	5.1	5.0	4.3	4.0	4.1
NORTHEAST	9.2	9.8	9.9	8.7	7.6	8.1
SCRANTON	8.2	8.2	9.0	8.0	7.3	7.3
W BARRE-HAZLETON	9.8	10.6	10.4	9.3	7.7	8.3
PHILADELPHIA	6.3	6.7	6.8	6.3	6.3	6.7
PITTSBURGH	6.4	6.8	7.0	6.0	5.4	5.7
POTTSVILLE	9.9	-	10.3	-	7.3	-
READING	7.3	7.0	8.0	7.1	4.8	4.6
UNIONTOWN-CONNELLSVLE	12.0	-	11.5	-	8.4	-
WILLIAMSPORT	15.2	15.2	12.6	10.4	7.8	7.9
YORK	6.1	6.5	6.5	5.8	4.0	4.2

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
UNITED STATES	103,412.0	103,351.0	101,236.0	96,566.0	96,546.0	95,675.0	6,846.0	6,805.0	5,561.0
PENNSYLVANIA	5,321.0	5,357.0	5,179.0	4,933.0	4,942.0	4,860.0	388.0	416.0	320.0
ALLENTOWN-BETH-EASTON	297.5	299.8	290.2	280.1	280.8	274.4	17.3	19.1	15.8
ALTOONA	59.4	60.4	56.5	54.4	54.4	51.9	5.1	6.0	4.5
ERIE	126.7	127.4	122.8	116.0	116.1	114.6	10.6	11.3	8.3
HARRISBURG	217.6	218.4	212.7	205.7	205.8	203.5	11.9	12.6	9.1
JOHNSTOWN	109.9	111.7	106.1	98.0	98.3	98.1	11.9	13.5	8.0
LANCASTER	176.4	176.8	172.8	167.8	168.0	165.9	8.6	8.8	6.9
NORTHEAST	284.3	287.3	276.3	258.0	258.8	255.3	26.3	28.5	21.0
SCRANTON	103.7	104.9	101.6	95.2	95.5	94.2	8.5	9.4	7.4
W BARRE-HAZLETON	153.6	155.1	148.5	138.5	138.9	137.0	15.1	16.2	11.4
PHILADELPHIA	2,127.3	2,139.7	2,075.7	1,992.9	1,994.9	1,945.0	134.4	144.8	130.7
PITTSBURGH	1,004.3	1,012.8	982.5	940.1	942.4	929.9	64.2	70.4	52.6
POTTSVILLE	66.4	66.8	65.5	59.8	59.9	60.7	6.6	6.9	4.8
READING	153.4	155.3	146.6	142.3	142.8	139.6	11.1	12.5	7.0
UNIONTOWN-CONNELLSVLE	58.9	58.4	58.1	51.8	51.7	53.3	7.1	6.7	4.9
WILLIAMSPORT	52.7	53.5	51.5	44.6	46.7	47.5	8.0	6.8	4.0
YORK	171.7	173.4	167.4	161.1	162.1	160.8	10.5	11.2	6.6

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	Nonagricultural Wage and Salary			Private Sector *		
	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
UNITED STATES	90,111.0	89,942.0	88,820.0	73,923.0	73,799.0	72,995.0
PENNSYLVANIA	4,809.5	4,778.6	4,828.3	4,077.2	4,044.1	4,082.9
ALLENTOWN-BETHLEHEM-EASTON	264.2	262.9	262.5	234.6	233.6	232.5
ALTOONA	54.0	53.7	52.4	46.0	45.8	44.8
ERIE	116.9	116.1	117.4	102.0	101.9	102.8
HARRISBURG	216.4	215.4	218.0	160.5	159.6	161.3
JOHNSTOWN	89.1	88.8	90.8	74.1	74.1	75.5
LANCASTER	152.4	151.8	153.6	137.1	136.6	138.1
NORTHEAST	243.8	242.7	245.1	202.9	202.1	205.7
SCRANTON	87.5	86.7	86.3	75.2	74.5	74.4
WILKES-BARRE-HAZLETON	126.7	126.9	130.8	106.1	106.4	110.7
PHILADELPHIA	1,946.2	1,932.5	1,924.8	1,638.4	1,621.7	1,619.8
PITTSBURGH	948.8	944.2	953.6	817.6	814.2	826.8
POTTSVILLE	48.2	47.9	49.6	39.1	39.1	41.1
READING	139.3	138.8	138.8	121.6	121.2	121.5
UNIONTOWN-CONNELLSVILLE	35.6	35.3	37.1	28.3	28.1	30.0
WILLIAMSPORT	44.9	46.8	48.7	38.5	40.5	42.1
YORK	155.4	155.4	157.7	136.2	136.5	136.8

Area	Manufacturing			Nonmanufacturing		
	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
UNITED STATES	20,462.0	20,711.0	20,907.0	64,230.0	63,933.0	62,568.0
PENNSYLVANIA	1,366.8	1,372.2	1,389.5	3,438.7	3,401.0	3,429.9
ALLENTOWN-BETHLEHEM-EASTON	111.4	111.3	110.2	152.8	151.6	152.1
ALTOONA	13.4	13.4	12.7	40.6	40.3	39.7
ERIE	42.4	42.9	44.8	74.2	73.2	72.6
HARRISBURG	42.9	43.5	43.1	173.4	171.7	174.6
JOHNSTOWN	19.3	19.6	20.1	69.8	69.2	70.6
LANCASTER	59.4	59.6	60.6	93.0	92.2	93.0
NORTHEAST	74.9	74.8	74.4	168.3	167.5	170.7
SCRANTON	28.9	28.7	27.7	58.1	57.6	58.6
WILKES-BARRE-HAZLETON	40.7	40.9	42.0	85.9	86.0	88.8
PHILADELPHIA	451.4	448.1	453.7	1,493.9	1,479.2	1,468.3
PITTSBURGH	248.9	249.8	250.5	698.5	693.5	702.1
POTTSVILLE	20.0	20.0	21.5	28.2	27.9	28.1
READING	53.2	53.2	54.2	86.1	85.6	84.1
UNIONTOWN-CONNELLSVILLE	7.6	7.5	8.2	28.0	27.8	28.9
WILLIAMSPORT	14.8	16.8	18.5	30.1	30.0	30.2
YORK	66.2	66.5	65.4	89.2	88.9	90.5

* Excludes Government employment

TABLE 17. LABOR TURNOVER RATES IN PENNSYLVANIA
NONDURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	Nondurable Goods						Food & Kindred					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.2	2.7		4.9	2.1	2.1	5.2	3.3		5.8	2.6	2.5
1975	4.1	1.8		4.4	1.3	2.5	4.6	2.3		4.9	1.5	2.7
1976	3.9	2.2	1.4	4.1	1.4	2.0	4.6	2.3	2.0	4.9	1.4	2.8
1977	3.9	2.3	1.4	3.9	1.5	1.8	4.9	2.4	2.2	5.0	1.6	2.8
1978	3.6	2.4	1.0	3.6	1.7	1.3	4.1	2.5	1.4	4.3	1.8	1.9
1979	3.8	2.4	1.2	3.8	1.7	1.5	4.3	4.1	1.4	4.4	1.9	1.8
Mar.	3.8	2.3	1.3	3.7	1.6	1.3	3.5	2.0	1.4	3.5	1.5	1.4
Apr.	3.6	2.1	1.1	3.5	1.5	1.3	4.3	2.5	1.6	4.1	1.6	2.0
May	4.1	2.7	1.1	3.7	1.7	1.4	5.0	3.4	1.3	4.7	1.9	2.1
Jun.	4.3	3.0	1.0	3.6	1.7	1.3	5.1	3.6	1.2	4.4	2.0	1.7
Jul,	4.0	2.2	1.6	4.3	1.6	2.1	5.8	3.0	2.6	4.3	1.9	1.8
Aug.	4.2	2.7	1.2	5.0	2.9	1.4	5.4	3.5	1.4	4.6	3.1	0.8
Sep.	4.0	2.7	1.0	4.4	2.3	1.5	5.0	3.4	1.4	5.0	2.5	1.8
Oct.	3.7	2.5	1.0	3.8	1.7	1.5	4.2	2.9	1.1	4.8	2.0	1.9
Nov.	3.0	1.9	1.0	3.6	1.3	1.7	3.5	2.2	1.1	4.2	1.7	1.7
Dec.	2.4	1.2	1.0	3.3	0.9	1.9	3.1	1.6	1.3	3.8	1.2	1.9
1980 Jan.	3.8	2.0	1.6	3.7	1.3	1.7	2.6	1.4	1.1	4.4	1.4	2.4
Feb.	3.4	1.9	1.3	3.3	1.3	1.4	3.0	1.6	1.3	3.6	1.2	1.7
Mar.	3.3	2.0	1.1	3.4	1.3	1.4	3.2	1.7	1.3	3.5	1.1	1.9

Year & Month	Textiles						Apparel					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.5	3.6		5.5	3.1	1.7	5.2	2.5		6.6	2.1	3.8
1975	4.5	2.3		5.1	1.6	2.8	5.6	2.3		5.6	1.5	3.5
1976	4.5	3.0	1.2	4.8	2.2	1.9	4.8	2.5	2.0	5.5	1.7	2.9
1977	4.3	3.0	1.1	4.6	2.2	1.8	5.1	2.6	2.2	5.1	1.8	2.6
1978	4.5	3.5	0.8	4.2	2.6	0.9	4.3	2.7	1.3	4.6	2.0	1.8
1979	3.9	2.8	0.9	4.4	2.5	1.2	5.0	2.5	2.2	5.3	1.9	2.6
Mar.	3.6	2.5	0.9	3.9	2.3	0.9	4.8	2.8	1.8	5.4	2.0	2.4
Apr.	3.6	2.6	0.8	4.1	2.4	1.1	4.3	2.2	1.7	4.5	1.8	1.8
May	4.1	3.3	0.6	4.0	2.6	0.9	4.9	2.5	2.0	5.2	1.9	2.6
Jun.	4.3	3.6	0.5	4.0	2.5	0.8	4.7	2.5	1.8	5.1	2.0	2.2
Jul,	4.8	2.6	2.0	6.5	2.3	3.4	4.8	2.1	2.4	6.7	1.9	3.9
Aug.	4.4	3.4	0.9	6.2	3.7	0.4	5.3	2.6	2.4	6.5	2.8	2.7
Sep.	3.9	3.0	0.7	4.9	3.1	1.3	5.3	2.8	2.0	5.5	2.3	2.5
Oct.	4.4	3.1	1.1	4.1	2.3	1.2	5.1	2.7	2.2	5.1	1.9	2.6
Nov.	2.9	1.9	0.8	3.8	1.9	1.4	3.6	1.7	1.7	5.5	1.4	3.6
Dec.	1.9	1.3	0.4	3.3	1.2	1.5	3.1	1.0	1.8	5.3	0.9	3.8
1980 Jan.	3.9	2.8	1.0	3.9	1.9	1.3	6.8	2.9	3.6	4.7	1.7	2.3
Feb.	4.3	2.8	1.4	3.5	2.1	0.8	5.5	2.6	2.6	4.2	1.6	1.8
Mar.	3.7	2.6	1.0	3.3	1.7	1.0	4.3	2.4	1.6	4.5	1.7	1.9

Year & Month	Paper & Allied Products						Printing & Publishing					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.7	2.0		3.5	1.6	1.3	2.4	1.9		2.6	1.4	0.7
1975	3.4	1.0		3.7	0.7	2.5	2.0	1.1		2.5	0.8	1.3
1976	2.5	1.5	0.9	2.4	0.8	1.1	2.3	1.5	0.6	2.3	0.9	0.9
1977	2.6	1.5	0.9	2.7	0.9	1.3	2.2	1.5	0.6	2.1	1.0	0.7
1978	2.7	1.7	0.8	2.6	1.1	0.9	2.5	1.8	0.6	2.4	1.2	0.8
1979	3.0	2.0	0.9	3.0	1.3	1.0	2.7	2.0	0.6	2.4	1.3	0.7
Mar.	2.4	1.4	0.8	1.9	1.0	0.4	2.7	1.7	1.0	2.0	1.1	0.6
Apr.	2.6	1.6	0.8	2.5	1.1	0.8	2.4	1.8	0.5	2.3	1.2	0.8
May	3.8	2.6	0.9	2.5	1.2	0.8	2.7	2.2	0.5	2.4	1.3	0.7
Jun.	4.1	3.2	0.7	2.0	1.1	0.5	3.3	2.6	0.6	2.4	1.3	0.8
Jul.	4.3	2.6	1.6	3.6	1.2	1.7	2.4	1.7	0.6	2.1	1.2	0.6
Aug.	3.6	2.6	0.9	4.5	2.7	0.8	2.5	1.9	0.1	3.2	2.2	0.4
Sep.	3.2	2.8	0.2	4.4	2.7	1.0	2.8	2.3	0.4	2.7	1.8	0.6
Oct.	2.8	2.2	0.5	2.9	1.2	1.0	3.0	2.5	0.4	2.2	1.3	0.5
Nov.	2.4	1.6	0.7	2.8	1.1	1.0	2.4	1.8	0.5	2.2	1.1	0.8
Dec.	1.6	0.9	0.6	2.6	0.7	1.5	2.5	1.5	0.9	1.7	0.8	0.5
1980 Jan.	2.4	1.1	1.1	2.8	0.8	1.3	2.7	1.9	0.8	2.4	1.0	0.9
Feb.	2.5	1.5	0.8	2.8	0.8	1.4	2.1	1.5	0.7	2.4	1.2	0.8
Mar.	3.0	1.6	1.3	4.1	1.0	1.9	2.9	2.0	0.9	1.8	0.9	0.6

Year & Month	Chemicals						Petroleum & Coal Products					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.2	1.6		2.3	1.0	0.7	1.4	1.1		1.4	0.6	0.3
1975	2.2	0.9		2.4	0.5	1.4	1.1	0.8		1.1	0.3	0.3
1976	2.1	1.2	0.7	1.9	0.6	0.8	1.5	1.0	0.2	1.6	0.4	0.3
1977	2.0	1.3	0.6	2.0	0.7	0.6	1.4	1.1	0.1	1.5	0.5	0.3
1978	2.0	1.4	0.5	1.8	0.7	0.5	1.4	1.1	0.2	1.5	0.5	0.4
1979	1.9	1.4	0.4	1.7	0.8	0.4	1.6	1.2	0.2	1.4	0.6	0.4
Mar.	2.1	1.6	0.4	1.4	0.7	0.3	1.2	0.9	0.2	0.7	0.3	0.1
Apr.	1.6	1.1	0.3	1.2	0.6	0.4	2.0	1.1	0.8	1.2	0.5	0.4
May	2.2	1.7	0.4	1.3	0.6	0.3	2.4	1.6	0.4	1.0	0.4	0.2
Jun.	3.0	2.4	0.4	1.5	0.7	0.4	2.8	2.6	0.1	1.2	0.2	0.3
Jul.	1.6	1.2	0.3	1.4	0.7	0.4	2.7	2.3	0.2	1.1	0.4	0.2
Aug.	1.9	1.6	0.3	2.8	1.9	0.4	1.4	0.9	0.1	3.6	2.5	0.4
Sep.	2.0	1.5	0.3	2.5	1.2	0.8	1.7	1.4	0.2	1.8	1.1	0.1
Oct.	1.9	1.4	0.4	1.7	0.7	0.6	1.1	0.9	0.1	1.4	0.3	0.5
Nov.	1.4	0.9	0.4	1.2	0.6	0.3	0.9	0.8	0.1	1.5	0.4	0.7
Dec.	1.3	0.9	0.2	1.2	0.4	0.5	0.7	0.6	N	1.5	0.3	1.1
1980 Jan.	1.7	1.1	0.4	1.9	0.6	0.6	1.2	0.9	0.1	1.1	0.4	0.2
Feb.	1.8	1.3	0.3	1.6	0.6	0.2	0.8	0.5	0.2	1.2	0.3	0.1
Mar.	1.6	1.2	0.4	1.4	0.5	0.5	1.3	0.9	0.3	0.8	0.3	0.1

Year & Month	Rubber & Plastics						Leather Goods					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.4	3.0		5.2	2.3	1.8	7.1	5.6		8.6	5.1	2.6
1975	3.7	1.1		4.9	0.9	3.1	6.8	5.1		7.0	3.5	2.6
1976	4.1	2.2	1.6	3.7	1.3	1.5	6.4	4.7	1.4	7.2	3.9	2.4
1977	3.5	2.3	1.0	3.6	1.4	1.3	6.6	4.9	1.3	6.8	4.1	1.8
1978	3.3	2.2	0.8	3.2	1.5	1.0	7.0	5.0	1.5	8.0	4.8	2.4
1979	3.6	2.4	0.9	3.5	1.6	1.1	6.7	4.8	1.3	7.7	4.5	2.4
Mar	3.1	2.2	0.6	3.5	1.5	1.1	6.8	4.7	1.5	8.3	4.5	2.8
Apr	3.8	2.2	1.4	3.4	1.2	1.4	6.7	4.9	1.5	8.2	4.7	2.5
May	4.8	3.2	1.2	3.2	1.5	0.8	7.9	5.8	1.5	8.2	5.4	1.4
Jun	4.5	3.4	0.7	2.9	1.2	1.0	7.8	5.7	1.5	7.3	4.5	2.1
Jul	3.1	2.0	0.8	3.2	1.4	1.0	5.5	4.0	1.0	9.9	4.5	4.9
Aug	3.9	2.8	0.7	5.6	3.3	1.3	10.4	6.5	3.7	10.8	6.7	3.4
Sep	3.5	2.4	0.6	4.4	2.3	1.2	6.2	4.6	1.1	8.0	6.0	1.3
Oct	3.1	2.1	0.7	3.5	1.3	1.1	5.6	4.9	0.4	7.0	4.5	1.7
Nov	2.5	1.3	0.9	2.8	1.0	1.2	4.5	3.6	0.6	6.7	3.2	3.0
Dec	1.8	1.0	0.7	3.0	0.6	1.7	4.3	2.2	1.8	5.6	2.4	2.3
1980 Jan	3.2	1.7	1.2	4.0	1.2	2.1	7.0	5.0	1.7	6.1	3.6	1.8
Feb	2.4	1.4	0.7	4.5	0.9	2.6	5.1	3.9	1.1	6.5	3.3	2.6
Mar	2.7	1.3	1.0	4.4	1.0	2.5	7.2	5.6	1.5	7.7	3.9	1.8

N = Negligible

TABLE 18. LABOR TURNOVER RATES IN PENNSYLVANIA
DURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	All Manufacturing						Durable Goods						Furniture & Fixtures						Stone, Clay & Glass					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	3.4	2.2		3.9	1.6	1.6	2.9	1.9		3.2	1.2	1.3	5.0	3.5		7.0	2.9	3.0	3.6	2.0		4.6	1.4	2.5
1975	3.3	1.4		3.9	0.8	2.3	2.8	0.9		3.7	0.6	2.5	5.8	2.0		6.1	1.2	4.1	3.9	1.0		4.6	0.7	3.3
1976	3.3	1.5	1.5	3.5	0.9	1.9	2.9	1.0	1.6	3.1	0.6	1.8	5.1	2.8	2.0	5.2	1.8	2.5	3.7	1.3	2.3	3.5	0.7	2.2
1977	3.4	1.7	1.5	3.5	1.0	1.8	3.1	1.3	1.6	3.2	0.7	1.8	6.4	3.8	2.4	5.6	2.1	2.5	3.9	1.4	2.4	3.6	0.8	2.2
1978	3.0	1.8	0.9	2.9	1.2	1.1	2.6	1.5	0.9	2.4	0.8	0.9	4.8	4.0	0.6	4.7	2.7	1.0	2.7	1.6	1.0	2.8	0.9	1.2
1979	3.0	1.8	0.9	3.1	1.2	1.3	2.6	1.5	0.8	2.7	0.9	1.1	4.9	3.4	1.3	5.4	2.2	2.0	2.8	1.3	1.3	2.9	0.8	1.5
Mar.	3.1	1.8	1.0	2.9	1.1	1.0	2.6	1.5	0.9	2.3	0.8	0.8	4.1	3.5	0.3	5.7	2.4	1.9	3.8	1.0	2.7	2.6	0.7	1.4
Apr.	2.9	1.7	0.9	2.8	1.1	1.0	2.5	1.5	0.8	2.3	0.8	0.6	4.2	3.1	0.6	6.0	2.0	2.9	3.8	1.7	2.0	2.4	0.7	1.2
May	3.6	2.3	1.0	2.8	1.2	0.9	3.2	2.0	0.9	2.2	0.9	0.6	7.8	4.3	3.3	6.9	2.2	3.2	3.8	2.3	1.3	1.9	0.8	0.6
Jun.	3.6	2.6	0.7	2.8	1.2	1.0	3.1	2.3	0.6	2.3	0.9	0.8	6.5	3.8	2.4	4.6	2.4	0.8	3.6	2.6	0.7	2.3	0.8	1.0
Jul.	3.2	1.8	1.1	3.3	1.1	1.6	2.7	1.6	0.9	2.7	0.8	1.2	6.6	3.5	3.0	7.5	2.0	4.5	2.7	1.7	0.9	2.4	0.8	1.1
Aug.	3.5	2.2	1.0	4.2	2.3	1.2	3.0	1.8	0.9	3.7	1.8	1.1	6.9	5.2	1.6	6.8	4.4	0.7	2.9	1.7	1.1	4.1	2.1	1.4
Sep.	3.1	2.1	0.7	3.5	1.6	1.2	2.5	1.6	0.6	3.0	1.2	1.0	5.3	4.9	0.3	6.0	3.1	1.4	2.7	1.3	1.3	3.0	1.3	1.1
Oct.	2.9	1.9	0.8	3.1	1.1	1.3	2.4	1.5	0.7	2.7	0.8	1.2	3.8	3.1	0.5	3.9	2.0	0.9	1.7	1.0	0.5	3.1	0.7	1.9
Nov.	2.3	1.3	0.8	3.0	0.8	1.6	1.8	0.9	0.6	2.7	0.6	1.6	2.8	2.1	0.6	4.4	1.4	2.2	2.0	0.7	1.1	2.2	0.5	1.3
Dec.	1.9	0.9	0.9	3.1	0.6	2.0	1.6	0.7	0.8	3.0	0.4	2.0	2.5	1.4	1.0	3.6	1.1	1.8	1.4	0.4	0.9	3.9	0.3	3.2
1980 Jan.	3.2	1.5	1.4	3.3	0.9	1.7	2.8	1.2	1.3	3.1	0.6	1.8	3.5	1.9	1.5	5.3	1.3	3.2	2.5	0.6	1.8	3.9	0.5	2.8
Feb.	2.8	1.4	1.2	3.0	0.9	1.4	2.4	1.1	1.1	2.8	0.6	1.4	3.9	2.0	1.8	3.9	1.3	1.6	2.4	0.6	1.8	3.0	0.5	2.0
Mar.	2.7	1.5	1.0	3.0	0.9	1.4	2.3	1.1	0.9	2.7	0.6	1.4	3.7	2.2	1.4	3.6	1.6	1.4	2.5	0.7	1.8	2.7	0.4	1.8

Year & Month	Primary Metals						Fabricated Metals						Machinery except Electrical						Electric & Electronic Equipment					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.3	1.5		2.3	0.9	0.8	3.7	2.4		4.1	1.4	1.8	2.6	2.1		2.3	1.2	0.4	2.2	1.4		2.9	1.1	1.1
1975	3.0	0.5		4.3	0.3	3.3	2.8	1.1		3.8	0.6	2.5	1.7	0.9		2.7	0.6	1.5	1.6	0.4		2.8	0.4	1.8
1976	3.3	0.6	2.4	3.3	0.4	2.2	2.7	1.1	1.5	3.5	0.6	2.2	2.4	0.9	1.4	2.8	0.6	1.7	2.1	1.0	0.7	2.2	0.6	0.9
1977	2.9	0.8	1.8	3.2	0.4	2.0	3.3	1.3	1.8	3.4	0.7	2.1	3.2	1.0	2.0	3.5	0.6	2.3	2.5	1.2	0.8	2.6	0.7	1.2
1978	2.5	1.1	1.2	2.4	0.5	1.1	3.1	1.6	1.2	3.0	0.9	1.3	2.1	1.4	0.5	1.6	0.7	0.4	2.3	1.3	0.7	2.3	0.8	0.8
1979	2.2	1.2	0.8	2.4	0.6	1.0	3.2	1.9	1.1	3.2	1.0	1.5	1.8	1.4	0.3	1.6	0.8	0.4	2.4	1.4	0.6	2.4	0.9	0.8
Mar.	1.9	1.2	0.5	1.8	0.4	0.6	3.0	1.8	1.1	2.5	0.8	1.0	1.8	1.4	0.2	1.7	0.8	0.3	2.4	1.4	0.7	2.4	0.8	0.8
Apr.	2.0	1.1	0.7	1.9	0.4	0.7	2.8	1.8	0.9	3.1	0.9	1.6	1.6	1.2	0.2	1.3	0.7	0.2	2.5	1.4	0.7	2.3	0.8	0.5
May	3.3	1.8	1.1	1.6	0.5	0.4	3.8	2.4	1.1	2.5	1.1	0.7	1.9	1.6	0.2	1.5	0.8	0.2	2.9	1.8	0.6	2.4	1.0	0.6
Jun.	2.6	2.0	0.3	1.4	0.5	0.2	3.7	2.5	1.0	3.5	1.0	1.7	2.4	2.1	0.2	1.9	0.9	0.5	2.9	2.1	0.5	1.7	0.8	0.3
Jul.	2.2	1.4	0.6	2.3	0.5	0.8	3.3	1.9	1.1	3.3	0.9	1.7	2.0	1.3	0.5	1.9	0.7	0.7	2.9	1.6	1.0	2.8	0.8	1.5
Aug.	2.0	1.2	0.5	3.4	1.7	0.8	4.7	2.4	1.9	4.6	2.0	1.9	2.3	1.5	0.6	2.3	1.3	0.4	3.0	2.1	0.5	3.9	2.0	1.0
Sep.	1.7	1.0	0.5	3.4	1.0	1.6	3.3	2.3	0.7	3.0	1.2	1.1	1.8	1.5	0.2	2.0	0.9	0.5	2.4	1.5	0.4	2.3	1.2	0.4
Oct.	2.1	0.9	0.9	2.8	0.5	1.6	3.2	2.1	1.1	3.1	0.9	1.4	1.7	1.4	0.2	1.5	0.7	0.4	1.9	1.2	0.3	2.2	0.7	0.8
Nov.	1.7	0.7	0.9	2.3	0.3	1.4	2.4	1.4	0.9	2.7	0.6	1.5	1.4	1.1	0.2	1.3	0.6	0.4	1.5	0.9	0.2	1.9	0.5	0.8
Dec.	1.9	0.4	1.2	3.7	0.3	2.9	2.0	0.9	0.9	3.9	0.5	2.8	1.2	0.8	0.2	1.1	0.4	0.3	1.5	0.7	0.5	1.8	0.5	0.8
1980 Jan.	2.5	0.7	1.5	2.8	0.3	1.6	4.2	1.4	2.5	4.4	0.6	3.0	1.9	1.5	0.3	1.7	0.7	0.5	2.4	1.3	0.6	2.5	0.7	0.9
Feb.	2.3	0.6	1.4	2.4	0.4	1.2	3.0	1.2	1.4	3.2	0.6	1.9	1.7	1.3	0.4	1.7	0.7	0.6	1.8	1.0	0.4	3.0	0.7	1.4
Mar.	2.1	0.7	1.0	2.4	0.3	1.2	2.8	1.1	1.4	3.4	0.7	2.1	1.7	1.3	0.3	1.8	0.7	0.5	2.1	1.2	0.5	3.0	0.7	1.2

Year & Month	Transportation Equipment						Instruments & Related						Miscellaneous Manufacturing					
	Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.2	2.2		4.2	1.1	2.0	2.9	2.4		2.8	1.4	0.7	3.8	2.6		4.8	1.8	2.3
1975	3.5	1.3		3.9	0.6	2.2	1.9	1.1		2.2	0.6	1.0	3.2	1.0		3.3	0.7	2.1
1976	3.2	1.1	1.6	3.5	0.5	2.0	2.1	1.4	0.5	1.8	0.7	0.6	2.6	1.5	0.9	2.7	0.8	1.2
1977	3.0	1.6	1.1	2.8	0.6	1.4	2.1	1.6	0.3	1.7	0.8	0.4	2.7	1.5	1.1	2.7	0.8	1.3
1978	3.0	1.5	1.0	2.5	0.7	1.0	2.0	1.6	0.2	1.7	0.9	0.3	2.9	1.9	0.9	2.9	1.0	1.2
1979	2.8	1.4	0.9	3.3	0.7	1.6	2.0	1.5	0.3	1.9	0.9	0.4	3.6	2.2	1.2	3.8	1.4	1.7
Mar.	2.7	1.6	0.7	2.8	0.9	1.0	2.2	1.9	0.1	1.4	0.9	0.2	3.6	2.3	1.3	2.7	0.9	0.7
Apr.	3.1	1.4	1.3	2.9	0.7	1.1	2.0	1.4	0.5	1.7	0.9	0.3	3.3	1.6	1.6	3.0	0.9	1.1
May	3.1	1.5	1.2	2.5	0.6	0.9	2.7	1.9	0.6	2.0	0.9	0.5	3.5	2.3	1.0	2.2	1.1	0.3
Jun.	2.7	1.7	0.6	3.8	0.6	1.9	2.9	2.3	0.4	2.0	1.0	0.4	6.0	4.4	1.4	2.4	1.4	0.5
Jul.	3.2	1.4	1.2	3.0	0.6	1.4	1.5	1.2	0.1	2.1	0.8	0.8	3.3	1.5	1.7	4.1	1.4	2.2
Aug.	3.1	1.4	1.2	3.4	1.1	1.4	7.9	1.2	0.5	2.6	1.5	0.3	4.8	3.4	1.3	6.2	3.7	1.9
Sep.	3.1	1.7	1.0	3.1	1.0	1.2	1.5	1.2	0.2	3.0	1.1	1.0	4.0	3.2	0.6	3.8	2.0	1.0
Oct.	3.3	2.0	0.7	3.4	0.9	1.3	1.4	1.2	0.1	1.6	0.8	0.4	4.0	2.4	1.5	3.2	1.8	0.5
Nov.	2.2	0.7	1.1	6.2	0.6	4.7	1.5	1.0	0.4	1.4	0.6	0.4	1.6	1.1	0.4	6.6	1.5	4.5
Dec.	1.7	0.4	0.9	3.0	0.3	2.2	1.1	0.7	0.3	1.0	0.5	0.1	1.2	0.6	0.6	5.4	0.7	4.4
1980 Jan.	2.9	1.4	1.2	3.4	0.5	1.8	1.7	1.2	0.4	2.1	0.6	0.7	2.3	1.3	0.9	4.7	1.2	2.7
Feb.	2.8	1.3	1.1	3.4	0.6	1.7	1.8	1.3	0.3	1.9	0.7	0.7	3.3	1.5	1.6	3.0	1.0	1.4
Mar.	2.5	1.1	0.9	3.5	0.5	1.9	1.9	1.6	0.1	2.3	0.6	1.1	3.1	2.0	1.0	3.0	0.9	1.5

N = Negligible

7/21/80

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Issue

PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

In This Issue:
LABOR SURPLUS AREAS LISTINGS

JUNE 1980
Vol. XXV No. 6

JOB SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY BUREAU OF EMPLOYMENT SECURITY
In cooperation with the United States Bureau of Labor Statistics
BUR-652 REV 10-77

– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives."

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing to:
PENNSYLVANIA BUREAU OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING-ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717-787-3129

Issued: June 1980 Reference: Mid-May

PENNSYLVANIA EMPLOYMENT & EARNINGS
MAY 1980

Total unemployment in Pennsylvania, adjusted for seasonal influences, jumped up again in May even though unadjusted unemployment dropped.

Seasonally adjusted, the volume of unemployment was estimated at 446,000 in May, up 32,000 from April. The rate of unemployment was 8.3 percent in May, up from 7.7 percent in April. The May rise marks the second month in a row that Pennsylvania's unemployment advanced substantially, representing a two month rise of 79,000. These successive increases added an alarming sharpness to Pennsylvania's unemployment uptrend. One year ago, seasonally adjusted unemployment was 357,000 and the rate was 6.8 percent.

The unadjusted rate of unemployment edged lower to 7.2 percent in May from the April rate of 7.3 percent. The unadjusted volume of unemployment declined by a mere 6,000 to stand at 382,000 in May, a month which is generally characterized by a substantial drop in unemployment due to seasonal employment expansions. One year ago, unemployment numbered 294,000, with the rate, 5.6 percent.

Nationwide, the May seasonally adjusted rate was 7.8 percent of the civilian labor force, up markedly from 7.0 percent in April. The unadjusted rate was 7.0 percent in May, up from 6.6 percent in April.

MANUFACTURING JOB DOWNTURN CONTINUES

The manufacturing job situation continued to deteriorate in May. The recent loss of 15,000 jobs brought the total count to 1,351,500 in a continuation of a slide which began eight months ago. All industries except CHEMICALS and PETROLEUM contributed to a worsening situation in factory jobs. Hardest hit were the PRIMARY METAL industries - down 3,900, RUBBER - off 2,300 and FABRICATED METALS and APPAREL - cutting back 2,100 and 1,600, respectively. A few industries, particularly RUBBER, FABRICATED METALS and NONELECTRICAL MACHINERY, felt the additional strain of labor-management disputes. While these did not affect a great number of workers they did, nevertheless, contribute to the lackluster factory job situation.

Neither were over-the-year developments encouraging. As Pennsylvania factories pulled in the reins over the past few months, job scarcity became more evident. Nearly 41,000 fewer jobs were available compared with May 1979. Losses occurring in durable industries were more than twice the number in nondurables. PRIMARY METALS, TRANSPORTATION EQUIPMENT and APPAREL industries were, collectively, responsible for half of this downturn.

The gravity of the economic slump was further underscored in the drop of more than 834,000 factory production hours during May. The 38.5 hour average workweek was the lowest in 26 months. PRIMARY METALS incurred the sharpest cutback, 1.8 hours. ELECTRICAL MACHINERY and PAPER followed, with nine-tenths of an hour each. On the other hand, FOOD, FABRICATED METALS and MISCELLANEOUS MANUFACTURERS actually reversed April's trend and reported gains in production hours of a half hour or more. STONE, CLAY AND GLASS industries also showed some vitality in this area.

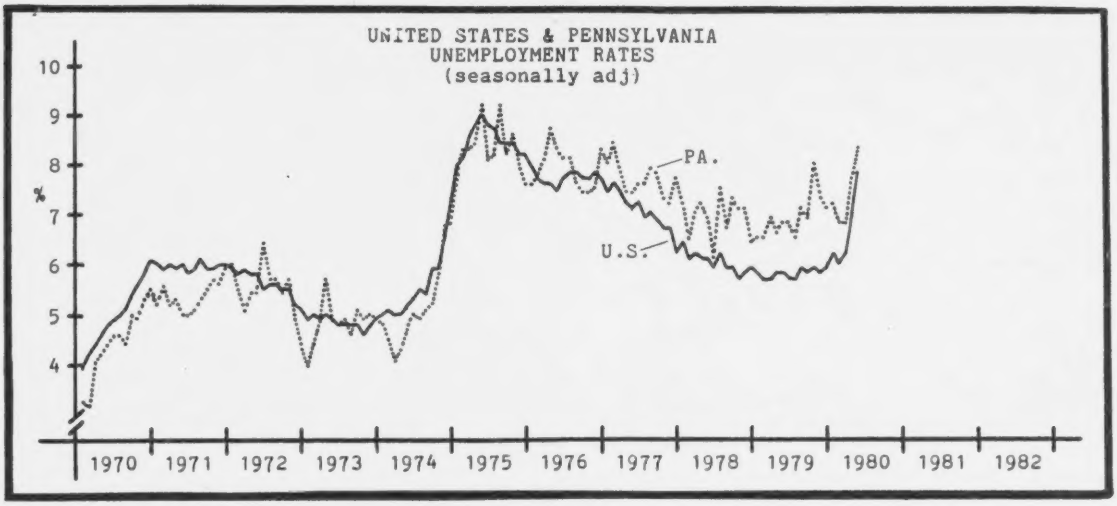
Nationwide, the workweek was slightly higher than the state's average. At 39.4 it showed no change from the previous month.

Changes in average hourly earnings ranged from a decline of fifteen cents in PETROLEUM to increases of fourteen cents in PRIMARY and FABRICATED METALS and FOOD. Overall, the factory hourly rate inched up three cents to $7.46 - somewhat higher than the nationwide average of $7.12 - up four cents.

NONMANUFACTURING SEASONALLY STRONG

The non-factory sector performed rather well in May. The 29,000 job increase boosted the total to 3,479,000 and was not too far out of line with normal spring behavior patterns. CONSTRUCTION moved up with renewed strength, furnishing more than 10,000 additional jobs since mid-April. SERVICES and RETAIL TRADE provided the remaining impetus in putting nonmanufacturing jobs well above the month ago level. This, incidentally, compares very favorably with the seasonal trend patterns of the past few years. MINING, TRANSPORTATION and WHOLESALE TRADE fell off slightly.

Nonmanufacturing jobs stood only 8,200 above last May with SERVICES alone showing any momentum. RETAIL TRADE, GOVERNMENT and TRANSPORTATION were on the minus side, together accounting for more than a 32,000 job deficit over the twelve month period.



EMPLOYMENT DATA IN THIS PUBLICATION HAVE BEEN REVISED TO FIRST QUARTER 1979 BENCHMARKS, AND ARE THEREFORE, NOT STRICTLY COMPARABLE WITH FIGURES PUBLISHED PRIOR TO JANUARY 1978. DATA ARE BASED ON INDUSTRY CLASSIFICATION IN ACCORDANCE WITH THE REVISED 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL.

On all tables data for most recent month are preliminary and subject to revision.

ADDITIONAL NOTATION ON PAGE 13

Table 1. Resident Employment, Unemployment and Unemployed Rate (Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1962	4,474.2	4,110.5	363.7	8.1		70,614.0	66,702.0	3,911.0	5.5	
1963	4,422.9	4,090.0	332.9	7.5		71,833.0	67,762.0	4,070.0	5.7	
1964	4,430.9	4,155.2	275.7	6.2		73,091.0	69,305.0	3,786.0	5.2	
1965	4,469.3	4,263.4	205.9	4.6		74,455.0	71,088.0	3,366.0	4.5	
1966	4,558.3	4,395.0	163.3	3.6		75,770.0	72,895.0	2,875.0	3.8	
1967	4,637.0	4,467.0	170.0	3.7		77,347.0	74,372.0	2,975.0	3.8	
1968	4,634.0	4,475.0	159.0	3.4		78,737.0	75,920.0	2,817.0	3.6	
1969	4,720.0	4,566.0	154.0	3.3		80,734.0	77,902.0	2,832.0	3.5	
1970	4,828.0	4,610.0	218.0	4.5		82,715.0	78,627.0	4,088.0	4.9	
1971	4,801.0	4,542.0	260.0	5.4		84,113.0	79,120.0	4,993.0	5.9	
1972	4,870.0	4,607.0	264.0	5.4		86,542.0	81,702.0	4,840.0	5.6	
1973	4,988.0	4,747.0	241.0	4.8		88,714.0	84,409.0	4,304.0	4.9	
1974	5,036.0	4,778.0	258.0	5.1		91,011.0	85,935.0	5,076.0	5.6	
1975	5,068.0	4,646.0	421.0	8.3		92,613.0	84,783.0	7,830.0	8.5	
1976	5,094.0	4,690.0	404.0	7.9		94,773.0	87,485.0	7,288.0	7.7	
1977	5,165.0	4,767.0	398.0	7.7		97,401.0	90,546.0	6,855.0	7.0	
1978	5,255.0	4,891.0	364.0	6.9		100,420.0	94,373.0	6,047.0	6.0	
1979	5,296.0	4,930.0	366.0	6.9		102,908.0	96,945.0	5,963.0	5.8	
1979 May	5,209.0	4,915.0	294.0	5.6	6.8	101,473.0	96,220.0	5,253.0	5.2	5.8
Jun	5,333.0	4,950.0	383.0	7.2	6.8	104,153.0	97,917.0	6,235.0	6.0	5.7
Jul	5,387.0	5,047.0	340.0	6.3	6.5	104,995.0	98,891.0	6,104.0	5.8	5.7
Aug	5,339.0	4,967.0	372.0	7.0	7.1	104,363.0	98,226.0	6,137.0	5.9	5.9
Sep	5,290.0	4,933.0	356.0	6.7	6.9	103,373.0	97,576.0	5,798.0	5.6	5.8
Oct	5,348.0	4,923.0	425.0	7.9	8.0	103,939.0	98,158.0	5,781.0	5.6	5.9
Nov	5,359.0	4,990.0	368.0	6.9	7.3	103,719.0	97,943.0	5,776.0	5.6	5.8
Dec	5,331.0	4,978.0	354.0	6.6	7.1	103,884.0	98,047.0	5,836.0	5.6	5.9
1980 Jan	5,332.0	4,918.0	414.0	7.8	7.2	103,188.0	96,145.0	7,043.0	6.8	6.2
Feb	5,363.0	4,944.0	419.0	7.8	6.8	103,257.0	96,264.0	6,993.0	6.8	6.0
Mar	5,357.0	4,941.0	415.0	7.8	6.8	103,351.0	96,546.0	6,805.0	6.6	6.2
Apr	5,321.0	4,933.0	388.0	7.3	7.7	103,412.0	96,566.0	6,846.0	6.6	7.0
May	5,301.0	4,919.0	382.0	7.2	8.3	104,028.0	96,709.0	7,318.0	7.0	7.8

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From--	
	May 1980	Apr. 1980	May 1979	Apr. 1980	May 1979
TOTAL CIVILIAN LABOR FORCE	5,301.0	5,321.0	5,209.0	-20.0	92.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	382.0	388.0	294.0	-6.0	88.0
% CIVILIAN LABOR FORCE	7.2	7.3	5.6	-0.1	1.6
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	446.0	414.0	357.0	32.0	89.0
% CIVILIAN LABOR FORCE	8.3	7.7	6.8	0.6	1.5
TOTAL EMPLOYMENT	4,919.0	4,933.0	4,915.0	-14.0	4.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From--	
	May 1980	Apr. 1980	May 1979	Apr. 1980	May 1979
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,835.5	4,820.2	4,873.8	15.3	-38.3
LABOR-MANAGEMENT DISPUTES	5.0	3.6	10.8	1.4	-5.8
ALL MANUFACTURING INDUSTRIES	1,351.5	1,366.7	1,392.2	-15.2	-40.7
TOTAL NONMANUFACTURING INDUSTRIES	3,479.0	3,449.9	3,470.8	29.1	8.2
Mining	48.6	50.5	52.1	-1.9	-3.5
Anthracite	3.1	3.2	3.1	-0.1	0.0
Bituminous	36.3	38.3	40.3	-2.0	-4.0
Nonmetallic minerals	5.0	4.8	4.9	0.2	0.1
Contract Construction	206.1	196.0	209.8	10.1	-3.7
General building	55.7	53.2	60.5	2.5	-4.8
Heavy construction	32.9	28.6	37.9	4.3	-5.0
Special trades	117.5	114.2	111.4	3.3	6.1
Transportation	162.1	164.4	172.5	-2.3	-10.4
Railroads	42.9	42.9	45.1	0.0	-2.2
Public Utilities	104.3	104.1	102.9	0.2	1.4
Communications	54.6	54.5	53.9	0.1	0.7
Electric, gas & sanitary service	49.7	49.6	49.0	0.1	0.7
Electric systems	23.9	23.7	23.2	0.2	0.7
Gas production	11.6	11.6	11.5	0.0	0.1
Wholesale trade	238.5	240.0	237.8	-1.5	0.7
Retail trade	746.5	737.0	758.5	9.5	-12.0
General merchandise stores	116.2	116.9	122.8	-0.7	-6.6
Department stores	101.9	102.6	108.1	-0.7	-6.2
Finance, insurance & real estate	241.7	238.9	234.7	2.8	7.0
Banking	79.3	79.3	76.9	0.0	2.4
Commercial & stock savings	73.0	73.0	71.0	0.0	2.0
Credit agencies & securities	29.9	29.6	29.3	0.3	0.6
Insurance	70.8	70.5	68.9	0.3	1.9
Life insurance	26.3	26.3	26.2	0.0	0.1
Fire, marine & casualty	29.8	29.6	28.5	0.2	1.3
Services	1,001.3	990.8	961.5	10.5	39.8
Business services	127.8	126.3	124.2	1.5	3.6
Health services	307.6	306.5	301.8	1.1	5.8
Nursing & personal care	50.8	50.6	49.3	0.2	1.5
Hospitals	189.0	188.5	183.1	0.5	5.9
Educational service	151.2	155.4	125.6	-4.2	25.6
Miscellaneous services	46.0	45.8	44.1	0.2	1.9
Engineering & architectural	29.1	28.9	28.0	0.2	1.1
Government	729.9	728.2	741.0	1.7	-11.1
Federal	133.6	132.1	131.2	1.5	2.4
State & local	596.3	596.1	609.8	0.2	-13.5

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS

(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manufacturing	Total Non-Manufacturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.0	3,853.8	1,341.5	3,223.5	48.0	183.9	939.0	221.7	717.2
1978	4,724.6	3,999.7	1,369.2	3,355.4	46.8	199.0	983.7	230.8	752.9
1979	4,830.6	4,107.9	1,389.8	3,440.8	52.0	205.8	990.0	238.1	751.9
1979 May	4,863.0	4,122.0	1,392.2	3,470.8	52.1	209.8	996.3	237.8	758.5
Jun.	4,911.3	4,175.5	1,409.8	3,501.5	52.7	218.3	1,001.8	240.6	761.2
Jul.	4,852.6	4,142.8	1,397.1	3,455.5	52.3	226.8	987.8	241.1	746.7
Aug.	4,845.7	4,137.7	1,390.4	3,455.3	51.9	227.1	986.6	240.6	746.0
Sep.	4,855.9	4,157.7	1,398.0	3,457.9	52.5	225.6	989.5	237.5	752.0
Oct.	4,896.8	4,182.8	1,394.6	3,502.2	51.4	225.1	1,002.7	240.0	762.7
Nov.	4,911.1	4,184.4	1,390.2	3,520.9	51.9	220.0	1,017.4	240.8	776.6
Dec.	4,892.9	4,164.7	1,383.7	3,509.2	51.1	209.7	1,023.3	240.6	782.7
1980 Jan.	4,789.0	4,072.5	1,374.3	3,414.7	50.7	190.5	988.8	240.3	748.5
Feb.	4,763.9	4,045.9	1,372.0	3,391.9	50.2	179.1	969.5	240.3	729.2
Mar.	4,783.1	4,054.0	1,372.2	3,410.9	49.6	180.7	971.5	240.2	731.3
Apr.	4,816.6	4,088.4	1,366.7	3,449.9	50.5	196.0	977.0	240.0	737.0
May	4,830.5	4,100.6	1,351.5	3,479.0	48.6	206.1	985.0	238.5	746.5

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.4	137.6	513.8
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.2	136.4	521.8
1974	161.1	104.4	207.3	773.6	154.9	618.7	681.5	136.6	544.9
1975	154.0	102.5	207.3	798.5	159.8	638.7	720.9	134.4	586.5
1976	155.4	101.1	211.4	839.7	165.5	674.2	721.6	131.8	589.8
1977	160.7	100.7	217.5	862.4	171.1	691.3	711.2	128.1	583.0
1978	165.7	101.5	226.6	907.2	177.9	729.3	724.9	129.5	595.4
1979	169.5	103.5	235.4	961.8	184.6	777.2	722.7	131.6	591.2
1979 May	172.5	102.9	234.7	961.5	183.1	778.4	741.0	131.2	609.8
Jun.	173.2	104.2	238.4	977.1	185.9	791.2	735.8	132.9	602.9
Jul.	166.3	105.0	239.5	968.0	186.7	781.3	709.8	133.5	576.3
Aug.	166.1	105.0	239.4	971.2	186.0	785.2	708.0	132.6	575.4
Sep.	170.9	104.0	236.9	980.3	185.6	794.7	698.2	131.4	566.8
Oct.	172.3	103.9	237.1	995.7	185.9	809.8	714.0	131.1	582.9
Nov.	171.3	104.0	237.7	991.9	186.4	805.5	726.7	132.1	594.6
Dec.	168.5	104.0	237.9	986.5	186.2	800.3	728.2	132.8	595.4
1980 Jan.	163.3	103.8	237.7	963.4	186.8	776.6	716.5	131.9	584.6
Feb.	162.1	103.9	238.0	971.1	187.4	783.7	718.0	131.7	586.3
Mar.	162.6	104.0	238.9	974.5	188.0	786.5	729.1	131.8	597.3
Apr.	164.4	104.1	238.9	990.8	188.5	802.3	728.2	132.1	596.1
May	162.1	104.3	241.7	1,001.3	189.0	812.3	729.9	133.6	596.3

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)
APRIL 1980

Industry	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
All Manufacturing	1,366.7	2.5	2.7	2.9	1.3	1.4	1.7	1.0	1.0	0.9
Durable Goods	836.6	2.1	2.3	2.5	1.0	1.1	1.5	0.8	0.9	0.8
Furniture & Fixtures	20.0	2.8	4.0	4.2	2.1	2.5	3.1	0.6	1.4	0.6
Stone, Clay & Glass Products	61.9	2.5	2.5	3.8	0.8	0.9	1.7	1.6	1.5	2.0
Primary Metal Industries	197.3	2.0	2.1	2.0	0.5	0.7	1.1	1.1	1.1	0.7
Fabricated Metal Products	114.6	2.2	2.8	2.8	1.0	1.1	1.8	1.1	1.4	0.9
Machinery, exc. Electrical	146.0	1.4	1.7	1.6	1.1	1.3	1.2	0.2	0.3	0.2
Electric & Electronic Equip.	125.1	2.0	2.2	2.5	1.2	1.2	1.4	0.4	0.5	0.7
Transportation Equipment	81.6	2.1	2.1	3.1	0.7	0.8	1.4	0.9	0.8	1.3
Instruments & Related Products	42.7	1.5	1.8	2.0	1.2	1.5	1.4	0.2	0.1	0.5
Miscellaneous Manufacturing	25.0	3.8	2.6	3.3	2.8	1.5	1.6	0.7	1.0	1.6
Nondurable Goods	530.1	3.2	3.3	3.6	1.7	2.0	2.1	1.3	1.2	1.1
Food & Kindred Products	97.5	3.4	3.1	4.3	1.5	1.7	2.5	1.8	1.2	1.6
Textile Mill Products	47.4	3.1	3.9	3.6	2.3	2.6	2.6	0.7	1.1	0.8
Apparel & Related Products	126.9	4.2	4.4	4.3	2.1	2.4	2.2	1.8	1.7	1.7
Paper & Allied Products	43.4	2.7	2.9	2.6	0.9	1.6	1.6	1.6	1.2	0.8
Printing & Publishing	74.4	2.5	2.9	2.4	1.8	1.8	1.8	0.7	1.0	0.5
Chemicals & Allied Products	62.3	1.4	1.6	1.6	1.0	1.2	1.1	0.2	0.4	0.3
Petroleum & Coal Products	16.8	1.0	1.3	2.0	0.9	0.9	1.1	-	0.3	0.8
Rubber & Plastics Products	40.6	3.5	2.6	3.8	1.3	1.2	2.2	1.8	0.9	1.4
Leather & Leather Products	17.6	9.3	7.0	6.7	5.1	5.5	4.9	1.3	1.4	1.5

Industry	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
All Manufacturing	1,366.7	3.3	3.0	2.8	0.8	0.9	1.1	1.8	1.4	1.0
Durable Goods	836.6	3.1	2.7	2.3	0.6	0.6	0.8	1.9	1.4	0.8
Furniture & Fixtures	20.0	3.9	3.6	6.0	2.0	1.6	2.2	1.3	1.4	2.9
Stone, Clay & Glass Products	61.9	3.9	2.4	2.4	0.5	0.5	0.7	2.8	1.5	1.2
Primary Metal Industries	197.3	3.0	2.2	1.9	0.3	0.3	0.4	2.0	1.1	0.7
Fabricated Metal Products	114.6	5.0	3.4	3.1	0.6	0.7	0.9	3.7	2.1	1.6
Machinery, exc. Electrical	146.0	1.6	1.9	1.3	0.6	0.7	0.7	0.5	0.5	0.2
Electric & Electronic Equip.	125.1	2.9	3.0	2.3	0.6	0.7	0.8	1.4	1.2	0.5
Transportation Equipment	81.6	3.3	3.9	2.9	0.4	0.4	0.7	2.0	2.4	1.1
Instruments & Related Products	42.7	1.9	2.1	1.7	0.6	0.6	0.9	0.7	1.0	0.3
Miscellaneous Manufacturing	25.0	3.9	2.3	3.0	0.9	0.7	0.9	2.1	1.1	1.1
Nondurable Goods	530.1	3.5	3.4	3.5	1.2	1.3	1.5	1.8	1.5	1.3
Food & Kindred Products	97.5	4.0	3.5	4.1	0.9	1.1	1.6	2.5	1.9	2.0
Textile Mill Products	47.4	4.5	3.5	4.1	1.6	1.9	2.4	2.3	1.0	1.1
Apparel & Related Products	126.9	4.2	4.5	4.5	1.5	1.8	1.8	2.0	1.9	1.8
Paper & Allied Products	43.4	2.7	4.0	2.5	0.7	1.0	1.1	1.4	1.8	0.8
Printing & Publishing	74.4	2.5	2.1	2.3	1.2	0.9	1.2	0.9	0.6	0.8
Chemicals & Allied Products	62.3	1.4	1.4	1.2	0.5	0.5	0.6	0.5	0.5	0.4
Petroleum & Coal Products	16.8	0.5	0.8	1.2	0.2	0.3	0.5	0.1	0.1	0.4
Rubber & Plastics Products	40.6	5.1	4.1	3.4	1.0	1.0	1.2	3.2	2.3	1.4
Leather & Leather Products	17.6	6.4	7.0	8.2	4.0	3.8	4.7	1.6	2.6	2.5

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		May 1980	Apr. 1980	May 1979	Apr. 1980	May 1979
	TOTAL MANUFACTURING INDUSTRIES	1,351.5	1,366.7	1,392.2	-15.2	-40.7
	TOTAL DURABLE GOODS	826.7	836.6	855.2	-9.9	-28.5
24	Lumber & wood products	21.8	22.4	22.9	-0.6	-1.1
243	Millwork, plywood & structural	6.9	7.2	7.4	-0.3	-0.5
	Other lumber & wood products	14.9	15.2	15.5	-0.3	-0.6
25	Furniture & fixtures	19.2	20.0	20.2	-0.8	-1.0
251	Household furniture	9.0	9.6	9.6	-0.6	-0.6
252	Office furniture	4.7	4.9	4.9	-0.2	-0.2
	Other furniture & fixtures	5.5	5.5	5.7	0.0	-0.2
32	Stone, clay & glass products	61.0	61.9	65.0	-0.9	-4.0
322	Glass & glassware, pressed or blown	15.6	15.7	17.1	-0.1	-1.5
3221	Glass containers	8.1	8.1	9.4	0.0	-1.3
3229	Other pressed or blown glass	7.5	7.6	7.7	-0.1	-0.2
324	Hydraulic cement	2.9	3.0	3.5	-0.1	-0.6
325	Structural clay products	6.2	6.4	6.7	-0.2	-0.5
326	Pottery & related products	4.9	5.0	5.2	-0.1	-0.3
327	Concrete, gypsum & plaster products	8.7	8.7	9.0	0.0	-0.3
	Other stone, clay & glass products	22.7	23.1	23.5	-0.4	-0.8
33	Primary metal industries	193.4	197.3	202.5	-3.9	-9.1
331	Blast furnace & basic steel products	145.3	147.8	150.9	-2.5	-5.6
3312	Blast furnaces & steel mills	132.7	134.6	138.4	-1.9	-5.7
	Other basic steel products	12.6	13.2	12.5	-0.6	0.1
332	Iron & steel foundries	20.0	20.5	20.4	-0.5	-0.4
3321	Gray iron foundries	7.8	7.9	8.0	-0.1	-0.2
3325	Steel foundries, n.e.c.	7.5	7.7	7.3	-0.2	0.2
3322,4	Malleable iron & steel invest.	4.7	4.9	5.1	-0.2	-0.4
335	Nonferrous rolling & drawing	12.1	12.7	13.3	-0.6	-1.2
336	Nonferrous foundries	7.6	7.7	7.7	-0.1	-0.1
	Other primary metal products	8.4	8.6	10.2	-0.2	-1.8
34	Fabricated metal products,(incl. ordnance)	112.5	114.6	115.9	-2.1	-3.4
341	Metal cans & shipping containers	4.9	4.9	5.1	0.0	-0.2
342	Cutlery, hand tools & hardware	7.4	7.6	7.7	-0.2	-0.3
343	Plumbing & heating exc. electrical	3.4	3.6	3.4	-0.2	0.0
344	Fabricated structural metal products	35.9	36.5	36.7	-0.6	-0.8
3441	Fabricated structural metal	8.8	9.3	9.3	-0.5	-0.5
3443	Fabricated plate work (boiler shops)	11.2	11.1	11.2	0.1	0.0
	Other fabricated struct. metal products	15.9	16.1	16.2	-0.2	-0.3
345	Screw machine products, bolts, etc.	8.8	9.2	9.1	-0.4	-0.3
346	Metal forgings & stampings	20.5	20.3	21.7	0.2	-1.2
3462	Iron & steel forgings	6.5	6.4	6.6	0.1	-0.1
	Other metal forgings & stampings	14.0	13.9	15.1	0.1	-1.1
347,8	Metal services & ordnance, n.e.c.	8.0	8.2	8.1	-0.2	-0.1
349	Misc. fabricated metal products	23.6	24.3	24.1	-0.7	-0.5
3494	Valves & pipe fittings	11.1	11.2	10.8	-0.1	0.3
	Other misc. fabricated metal products	12.5	13.1	13.3	-0.6	-0.8
35	Machinery, exc. electrical	145.0	146.0	143.4	-1.0	1.6
351	Engines & turbines	7.2	7.2	7.5	0.0	-0.3
352	Farm & garden machinery	4.9	4.9	4.4	0.0	0.5
353	Construction & related machinery	25.5	25.7	25.9	-0.2	-0.4
3531	Construction machinery	9.3	9.3	9.7	0.0	-0.4
3535	Conveyors & conveying equipment	3.3	3.3	3.5	0.0	-0.2
	Other construction & related machinery	12.9	13.1	12.7	-0.2	0.2
354	Metal working machinery	24.6	24.8	23.9	-0.2	0.7
355	Special industry machinery	13.8	13.9	13.2	-0.1	0.6
356	General industrial machinery	29.5	29.8	29.5	-0.3	0.0
3561	Pumps & pumping equipment	3.8	3.9	4.0	-0.1	-0.2
3562	Ball & roller bearings	4.3	4.3	4.4	0.0	-0.1
3563	Air & gas compressors	5.2	5.4	5.4	-0.2	-0.2
3567	Industrial furnaces & ovens	4.0	4.1	3.9	-0.1	0.1
	Other general industrial machinery	12.2	12.1	11.8	0.1	0.4

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(cont.)

Industry Detail
(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		May 1980	Apr. 1980	May 1979	Apr. 1980	May 1979
357	Office and computing machines	13.1	13.0	12.8	0.1	0.3
358	Refrigeration & service industry machinery	11.5	11.6	11.7	-0.1	-0.2
359	Misc. machinery, exc. electrical	14.9	15.1	14.5	-0.2	0.4
36	Electric & electronic equipment	125.0	125.1	128.8	-0.1	-3.8
361	Electric distributing equipment	18.1	18.3	20.4	-0.2	-2.3
3612	Transformers	6.0	6.1	6.5	-0.1	-0.5
3613	Switchgear & switchboard apparatus	12.1	12.2	13.9	-0.1	-1.8
362	Electrical industrial apparatus	24.0	23.8	24.2	0.2	-0.2
363	Household appliances	4.4	4.5	4.6	-0.1	-0.2
364	Electric lighting & wiring equipment	22.2	22.4	22.6	-0.2	-0.4
3643	Current-carrying wiring devices	11.7	11.6	11.2	0.1	0.5
	Other electric light & wiring equipment	10.5	10.8	11.4	-0.3	-0.9
366	Communication equipment	9.2	8.9	8.7	0.3	0.5
367	Electronic components & accessories	36.5	37.2	35.8	-0.7	0.7
3674	Semiconductors & related devices	12.8	12.8	11.5	0.0	1.3
	Other electronic components & accessories	23.7	24.4	24.3	-0.7	-0.6
	Other electrical equipment & supplies	10.6	10.0	12.5	0.6	-1.9
37	Transportation equipment	81.5	81.6	87.1	-0.1	-5.6
371	Motor vehicles & equipment	27.8	28.8	33.1	-1.0	-5.3
3714	Motor vehicle parts & accessories	10.7	11.3	13.0	-0.6	-2.3
	Other motor vehicles & equipment	17.1	17.5	20.1	-0.4	-3.0
372	Aircraft & parts	10.2	8.7	11.7	1.5	-1.5
373	Ship & boat building & repairing	7.6	7.7	7.8	-0.1	-0.2
374	Railroad equipment	23.6	23.6	23.5	0.0	0.1
	Other transportation equipment	12.3	12.8	11.0	-0.5	1.3
38	Instruments & related products	42.6	42.7	43.1	-0.1	-0.5
382	Measuring & controlling devices	23.1	23.4	23.7	-0.3	-0.6
384	Medical instruments & supplies	11.6	11.5	11.8	0.1	-0.2
	Other instruments & related products	7.9	7.8	7.6	0.1	0.3
39	Miscellaneous manufacturing industries	24.7	25.0	26.3	-0.3	-1.6
	TOTAL NONDURABLE GOODS	524.8	530.1	537.0	-5.3	-12.2
20	Food & kindred products	97.4	97.5	98.0	-0.1	-0.6
201	Meat products	16.7	16.7	15.9	0.0	0.8
2011	Meat packing plants	5.2	5.3	5.1	-0.1	0.1
2013	Sausages & other prepared meats	5.8	5.7	5.5	0.1	0.3
2016,7	Poultry dressing & processing	5.7	5.7	5.3	0.0	0.4
202	Dairy products	12.1	11.7	11.8	0.4	0.3
2026	Fluid milk	6.9	6.7	6.9	0.2	0.0
	Other dairy products	5.2	5.0	4.9	0.2	0.3
203	Preserved fruits & vegetables	11.0	11.6	12.6	-0.6	-1.6
2033	Canned fruits & vegetables	4.4	4.9	5.3	-0.5	-0.9
	Other preserved fruits & vegetables	6.6	6.7	7.3	-0.1	-0.7
204	Grain mill products	5.1	5.1	4.6	0.0	0.5
205	Bakery products	19.9	19.7	19.5	0.2	0.4
2051	Bread, cake & related products	14.8	14.6	14.9	0.2	-0.1
2052	Cookies & crackers	5.1	5.1	4.6	0.0	0.5
206	Sugar & confectionery products	14.5	14.9	15.1	-0.4	-0.6
2065	Confectionery products	5.8	5.9	6.1	-0.1	-0.3
2066	Chocolate & cocoa products	5.6	5.8	5.8	-0.2	-0.2
	Other sugar products	3.1	3.2	3.2	-0.1	-0.1
208	Beverages	9.8	9.5	9.9	0.3	-0.1
	Other food & kindred products	8.3	8.3	8.6	0.0	-0.3
21	Tobacco manufacturers	3.1	3.2	3.7	-0.1	0.6
22	Textile mill products	46.5	47.4	48.6	-0.9	-2.1
222	Weaving mills, synthetics	4.6	4.6	4.5	0.0	0.1
225	Knitting mills	24.5	24.3	24.4	0.2	0.1
2253	Knit outerwear mills	12.6	12.5	12.4	0.1	0.2
2254	Knit underwear mills	4.9	4.8	5.0	0.1	-0.1
	Other knitting mills	7.0	7.0	7.0	0.0	0.0
227	Floor covering mills	3.2	3.6	4.1	-0.4	-0.9
228	Yarn & thread mills	4.2	4.8	5.2	-0.6	-1.0
	Other textile mill products	10.0	10.1	10.4	-0.1	-0.4

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(concl.)
Industry Detail
(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		May 1980	Apr. 1980	May 1979	Apr. 1980	May 1979
23	Apparel & other textile products	125.3	126.9	131.5	-1.6	-6.2
231	Men's & boys' suits & coats	15.3	14.9	15.4	0.4	-0.1
232	Men's & boys' furnishings	25.0	24.9	24.9	0.1	0.1
2321	Men's & boys' shirts & nightwear	8.7	8.7	9.2	0.0	-0.5
2327	Men's & boys' separate trousers	6.3	6.2	6.2	0.1	0.1
	Other furnishings and work clothing	10.0	10.0	9.5	0.0	0.5
233	Women's & misses' outerwear	55.6	57.6	60.5	-2.0	-4.9
234	Women's & children's undergarments	9.9	10.0	10.4	-0.1	-0.5
236	Children's outerwear	7.3	6.9	7.6	0.4	-0.3
	Other apparel & textile products	12.2	12.6	12.7	-0.4	-0.5
26	Paper & allied products	43.3	43.4	44.5	-0.1	-1.2
262	Paper mills exc. building paper	12.3	12.0	12.2	0.3	0.1
265	Paper board containers & boxes	14.0	14.1	15.0	-0.1	-1.0
2653	Corrugated & solid fiber boxes	7.4	7.5	7.7	-0.1	-0.3
	Other paperboard containers	6.6	6.6	7.3	0.0	-0.7
	Other paper & allied products	17.0	17.3	17.3	-0.3	-0.3
27	Printing & publishing	74.2	74.4	72.0	-0.2	2.2
271	Newspapers	26.2	26.1	25.5	0.1	0.7
273	Books	8.3	8.4	7.9	-0.1	0.4
275	Commercial printing	21.3	21.4	20.5	-0.1	0.8
2752	Lithographing	10.8	10.8	10.2	0.0	0.6
	Other commercial printing	10.5	10.6	10.3	-0.1	0.2
276	Manifold business forms	3.7	3.8	3.8	-0.1	-0.1
	Other printing & publishing	14.7	14.7	14.3	0.0	0.4
28	Chemicals & allied products	62.4	62.3	60.9	0.1	1.5
281	Industrial inorganic chemicals	11.4	11.3	10.7	0.1	0.7
282	Plastic materials & synthetics	8.8	8.7	8.8	0.1	0.0
283	Drugs	18.0	18.2	17.0	-0.2	1.0
284	Soap, cleaners & toilet goods	3.2	3.2	3.2	0.0	0.0
285	Paints & allied products	4.4	4.4	4.5	0.0	-0.1
	Other chemicals & allied products	16.6	16.5	16.7	0.1	-0.1
29	Petroleum & coal products	16.8	16.8	17.6	0.0	-0.8
291	Petroleum refining	13.0	13.1	13.3	-0.1	-0.3
	Other petroleum & coal products	3.8	3.7	4.3	0.1	-0.5
30	Rubber & misc. plastics products	38.3	40.6	42.2	-2.3	-3.9
301	Tires & inner tubes	5.8	6.8	8.1	-1.0	-2.3
306	Fabricated rubber products, nec	5.1	5.3	5.3	-0.2	-0.2
	Other rubber & plastic products, nec	27.4	28.5	28.8	-1.1	-1.4
31	Leather & leather products	17.5	17.6	18.0	-0.1	-0.5
314	Footwear, exc. rubber	13.9	13.9	14.0	0.0	-0.1
3143	Men's footwear, exc. athletic	5.4	5.4	5.9	0.0	-0.5
3144	Women's footwear, exc. athletic	4.7	4.7	4.3	0.0	0.4
	Other footwear	3.8	3.8	3.8	0.0	0.0
	Other leather & leather products	3.6	3.7	4.0	-0.1	-0.4

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
TOTAL MANUFACTURING INDUSTRIES	$287.21	$288.28	$273.14	38.5	38.8	39.7	$7.46	$7.43	$6.88
TOTAL DURABLE GOODS	323.36	326.30	311.54	39.1	39.6	41.1	8.27	8.24	7.58
Lumber & wood products	215.00	214.23	196.95	38.6	38.6	39.0	5.57	5.55	5.05
Millwork, plywood & structural	205.86	223.05	202.61	36.5	39.2	38.3	5.64	5.69	5.29
Other lumber & wood products	219.38	210.27	194.24	39.6	38.3	39.4	5.54	5.49	4.93
Furniture & fixtures	242.14	239.34	210.86	39.5	39.3	38.2	6.13	6.09	5.52
Household furniture	215.05	215.05	191.26	39.1	39.1	38.1	5.50	5.50	5.02
Office furniture	252.18	249.00	229.20	38.5	37.9	38.2	6.55	6.57	6.00
Other furniture & fixtures	282.36	278.78	231.55	41.1	41.3	38.4	6.87	6.75	6.03
Stone, clay & glass products	308.97	304.76	301.18	40.6	40.1	42.6	7.61	7.60	7.07
Glass & glassware, pressed or blown	263.44	245.52	288.97	35.6	33.0	40.7	7.40	7.44	7.10
Glass containers	235.29	201.36	309.64	31.0	26.6	42.3	7.59	7.57	7.32
Other pressed or blown glass	292.90	290.33	263.16	40.4	39.5	38.7	7.25	7.35	6.80
Hydraulic cement	419.45	407.71	387.86	40.1	41.1	41.0	10.46	9.92	9.46
Structural clay products	260.16	269.84	264.09	38.6	39.8	41.2	6.74	6.78	6.41
Pottery & related products	284.54	283.98	250.92	41.6	41.7	41.0	6.84	6.81	6.12
Concrete, gypsum & plaster prods.	298.70	283.61	295.93	41.2	40.4	44.5	7.25	7.02	6.65
Other stone, clay & glass prods.	365.94	372.49	329.85	45.8	46.1	45.0	7.99	8.08	7.33
Primary metal industries	381.96	395.77	387.39	36.0	37.8	41.3	10.61	10.47	9.38
Blast furnace & basic steel prods.	404.69	423.52	418.37	34.5	36.7	41.3	11.73	11.54	10.13
Blast furnaces & steel mills	409.70	429.79	424.77	34.0	36.3	41.2	12.05	11.84	10.31
Other basic steel products	357.69	362.78	346.88	40.1	40.9	42.2	8.92	8.87	8.22
Iron & steel foundries	311.26	308.50	291.20	39.3	39.4	40.0	7.92	7.83	7.28
Gray iron foundries	295.68	300.60	283.60	38.3	39.5	40.0	7.72	7.61	7.09
Steel foundries, n.e.c.	316.74	308.05	305.12	39.2	38.7	40.2	8.08	7.96	7.59
Malleable iron & steel invest.	327.59	322.79	285.68	41.0	40.5	39.9	7.99	7.97	7.16
Nonferrous rolling & drawing	314.03	328.78	298.99	39.6	41.2	41.7	7.93	7.98	7.17
Nonferrous foundries	304.59	305.72	287.19	42.9	43.8	42.8	7.10	6.98	6.71
Other primary metal products	310.23	321.06	312.74	40.5	42.3	42.9	7.66	7.59	7.29
Fabricated metal prods., incl. ordn.	305.12	295.77	288.23	40.2	39.7	41.0	7.59	7.45	7.03
Metal cans & shipping containers	327.64	342.59	376.36	38.5	40.4	47.4	8.51	8.48	7.94
Cutlery, hand tools & hardware	247.38	247.25	219.44	39.9	40.6	37.9	6.20	6.09	5.79
Plumbing & heating exc. electrical	288.64	272.92	260.21	40.2	39.1	41.5	7.18	6.98	6.27
Fabricated structural metal prods.	300.51	285.48	269.47	40.5	39.0	40.4	7.42	7.32	6.67
Fabricated struct. metal	295.95	279.62	275.44	35.7	34.1	36.1	8.29	8.20	7.63
Fab. plate work (boiler shops)	305.44	288.22	287.05	41.5	39.7	43.1	7.36	7.26	6.66
Other fab. struct. metal prods.	299.06	286.34	255.64	42.3	41.2	41.1	7.07	6.95	6.22
Screw machine products, bolts, etc.	296.46	297.84	267.24	40.5	40.8	40.8	7.32	7.30	6.55
Metal forgings & stampings	369.72	340.36	362.09	40.1	38.2	42.3	9.22	8.91	8.56
Iron & steel forgings	308.33	318.48	299.84	40.2	41.2	41.3	7.67	7.73	7.26
Other metal forgings & stampings	392.18	348.00	383.40	40.1	37.1	42.6	9.78	9.38	9.00
Metal services & ordnance, n.e.c.	276.71	281.40	249.74	39.7	41.2	38.6	6.97	6.83	6.47
Misc. fabricated metal products	285.53	284.61	272.14	40.5	40.6	40.8	7.05	7.01	6.67
Valves & pipe fittings	288.95	287.92	271.61	40.3	40.1	40.6	7.17	7.18	6.69
Other misc. fab. metal products	282.58	281.80	273.06	40.6	40.9	41.0	6.96	6.89	6.66
Machinery, exc. electrical	332.86	331.14	303.47	41.4	41.6	41.8	8.04	7.96	7.26
Engines & turbines	356.10	365.94	261.93	41.6	42.7	37.1	8.56	8.57	7.06
Farm & garden machinery	433.73	461.78	380.90	45.8	49.6	47.2	9.47	9.31	8.07
Construction & related machinery	320.12	333.38	319.07	38.2	39.5	41.6	8.38	8.44	7.67
Construction machinery	308.69	341.10	337.45	35.4	37.9	42.5	8.72	9.00	7.94
Conveyors & conveying equipment	310.71	303.16	246.91	40.3	40.1	38.4	7.71	7.56	6.43
Other constr. & related mach.	331.25	331.30	312.64	40.2	40.7	41.3	8.24	8.14	7.57
Metal working machinery	330.00	317.60	305.66	40.0	39.7	40.7	8.25	8.00	7.51
Special industry machinery	317.95	318.59	278.00	41.4	41.7	40.0	7.68	7.64	6.95
General industrial machinery	356.16	343.30	318.43	44.8	43.9	43.8	7.95	7.82	7.27
Pumps & pumping equipment	318.38	315.62	295.60	40.2	39.7	41.4	7.92	7.95	7.14
Ball & roller bearings	335.30	304.52	306.25	41.6	39.6	42.3	8.06	7.69	7.24
Air & gas compressors	424.45	405.31	347.48	51.2	50.6	47.6	8.29	8.01	7.30
Industrial furnaces & ovens	316.80	301.85	289.20	39.6	38.6	39.4	8.00	7.82	7.34
Other general industrial mach.	357.56	352.30	324.69	45.9	45.4	44.6	7.79	7.76	7.28
Office and computing machines	369.56	369.28	344.10	41.9	42.3	44.4	8.82	8.73	7.75
Refrigeration & serv. ind. mach.	272.40	266.90	235.13	40.0	39.6	38.8	6.81	6.74	6.06
Misc. machinery, exc. electrical	312.91	314.25	294.72	41.5	41.9	42.9	7.54	7.50	6.87

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

(cont.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
Electric & electronic equipment	$278.39	$286.34	$261.55	39.6	40.5	40.3	$7.03	$7.07	$6.49
Electric distributing equipment	332.91	341.54	311.54	40.5	41.1	41.1	8.22	8.31	7.58
Transformers	294.40	318.34	293.23	36.8	38.4	41.3	8.00	8.29	7.10
Switchgear & switchbrd apparatu	352.77	353.60	320.62	42.4	42.5	41.0	8.32	8.32	7.82
Electrical industrial apparatus	276.83	275.97	266.93	39.1	39.2	39.9	7.08	7.04	6.69
Household appliances	270.40	256.70	252.83	40.0	38.2	38.6	6.76	6.72	6.55
Electric lighting & wiring equip.	265.28	289.33	248.88	39.3	42.3	40.8	6.75	6.84	6.10
Current-carrying wiring devices	280.95	325.52	255.02	40.6	45.4	41.0	6.92	7.17	6.22
Other elect lght & wirng equip.	254.31	263.86	244.82	38.3	40.1	40.6	6.64	6.58	6.03
Communication equipment	322.91	310.78	295.65	42.6	41.0	40.5	7.58	7.58	7.30
Electronic components & access.	270.27	279.45	251.49	40.1	41.4	41.5	6.74	6.75	6.06
Semiconductors & related devices	331.30	350.20	320.16	40.6	42.5	43.5	8.16	8.24	7.36
Other electronic comp.& access.	239.00	244.58	221.68	39.9	40.9	40.6	5.99	5.98	5.46
Other electrical equip. & supplies	231.05	239.28	217.91	36.5	36.2	36.5	6.33	6.61	5.97
Transportation equipment	353.81	358.80	333.33	39.4	40.0	41.0	8.98	8.97	8.13
Motor vehicles & equipment	359.42	365.72	356.51	38.4	38.7	41.6	9.36	9.45	8.57
Motor vehicle parts & access.	367.05	369.02	357.86	38.8	38.6	42.4	9.46	9.56	8.44
Other motor vehicles & equip.	353.57	363.17	355.93	38.1	38.8	41.1	9.28	9.36	8.66
Aircraft & parts	347.62	368.16	308.91	40.8	41.6	40.7	8.52	8.85	7.59
Ship & boat building & repairing	371.97	358.68	305.16	40.3	39.2	40.1	9.23	9.15	7.61
Railroad equipment	366.66	364.98	330.51	38.8	39.5	39.3	9.45	9.24	8.41
Other transportation equipment	294.41	310.99	298.03	42.3	44.3	45.5	6.96	7.02	6.55
Instruments & related products	274.22	269.28	256.66	39.8	39.6	41.0	6.89	6.80	6.26
Measuring & controlling devices	298.87	294.35	280.11	41.8	41.4	42.7	7.15	7.11	6.56
Medical instruments & supplies	234.51	229.42	223.26	36.7	36.3	39.1	6.39	6.32	5.71
Other instruments & related prods.	255.94	250.65	237.84	38.2	38.8	38.8	6.70	6.46	6.13
Misc. manufacturing industries	266.12	267.70	255.91	40.2	39.6	39.8	6.62	6.76	6.43
TOTAL NONDURABLE GOODS	233.36	230.25	215.27	37.7	37.5	37.7	6.19	6.14	5.71
Food & kindred products	275.42	264.71	248.00	39.8	39.1	40.0	6.92	6.77	6.20
Meat products	281.52	257.79	264.35	40.8	39.0	42.5	6.90	6.61	6.22
Meat packing plants	312.91	290.94	297.46	38.3	37.3	42.8	8.17	7.80	6.95
Sausages & other prepared meats	308.94	269.97	288.86	38.0	34.7	40.8	8.13	7.78	7.08
Poultry dressing & processing	233.75	219.00	208.53	45.3	43.8	43.9	5.16	5.00	4.75
Dairy products	298.25	289.38	267.13	43.1	42.0	42.2	6.92	6.89	6.33
Fluid milk	299.01	307.15	260.00	42.9	43.2	41.6	6.97	7.11	6.25
Other dairy products	297.22	276.86	272.21	43.2	41.2	42.6	6.88	6.72	6.39
Preserved fruits & vegetables	198.33	220.95	197.65	33.0	36.4	36.2	6.01	6.07	5.46
Canned fruits & vegetables	181.83	185.49	163.62	34.7	36.3	36.2	5.24	5.11	4.52
Other preserved fruits & vegs.	209.85	249.34	225.16	31.7	36.4	36.2	6.62	6.85	6.22
Grain mill products	297.86	301.89	247.43	41.6	42.4	38.6	7.16	7.12	6.41
Bakery products	273.98	252.98	239.60	41.2	38.8	39.8	6.65	6.52	6.02
Bread, cake & related products	267.33	255.26	235.77	40.2	38.5	39.1	6.65	6.63	6.03
Cookies & crackers	289.28	248.61	247.39	43.5	39.4	41.5	6.65	6.31	5.99
Sugar & confectionery products	273.43	269.72	244.50	37.1	37.1	37.5	7.37	7.27	6.52
Confectionery products	216.02	221.79	204.28	33.7	34.6	34.8	6.41	6.41	5.87
Chocolate & cocoa products	296.77	298.58	272.57	39.1	39.6	40.5	7.59	7.54	6.73
Other sugar products	353.28	315.17	280.85	40.7	37.7	37.8	8.68	8.36	7.43
Beverages	351.29	339.49	319.79	40.8	41.2	42.3	8.61	8.24	7.56
Other food & kindred products	263.95	242.90	238.10	43.7	41.1	42.9	6.04	5.91	5.55
Tobacco manufacturers	165.56	165.89	147.42	37.8	38.4	37.8	4.38	4.32	3.90
Textile mill products	190.30	187.94	180.11	38.6	38.2	38.9	4.93	4.92	4.63
Weaving mills, snythetics	205.22	201.50	213.77	40.8	40.3	45.1	5.03	5.00	4.74
Knitting mills	184.42	182.12	167.93	38.5	38.1	37.4	4.79	4.78	4.49
Knit outerwear mills	182.21	180.12	164.05	38.2	38.0	36.7	4.77	4.74	4.47
Knit underwear mills	156.38	155.65	147.65	35.3	34.9	36.1	4.43	4.46	4.09
Other knitting mills	209.58	204.62	190.24	41.5	40.6	39.8	5.05	5.04	4.78
Floor covering mills	232.50	220.34	226.46	37.5	36.3	41.1	6.20	6.07	5.51
Yarn & thread mills	173.35	174.06	163.70	37.2	36.8	38.7	4.66	4.73	4.23
Other textile mill products	195.05	195.55	191.48	38.7	38.8	39.4	5.04	5.04	4.86

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

Industry Detail

(concl.)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
Apparel & other textile products	$150.94	$151.59	$139.54	32.6	32.6	32.3	$4.63	$4.65	$4.32
Men's & boys' suits & coats	209.07	204.57	185.50	37.4	36.4	35.0	5.59	5.62	5.30
Men's & boys' furnishings	154.94	155.49	142.96	35.7	35.5	34.7	4.34	4.38	4.12
Men's & boys' shirts & nightwear	150.66	152.86	140.88	35.2	34.9	34.7	4.28	4.38	4.06
Men's & boys' separate trousers	177.80	172.34	144.76	35.0	34.4	30.8	5.08	5.01	4.70
Other furnishings & wrk. clothng	144.57	147.13	143.58	36.6	36.6	37.1	3.95	4.02	3.87
Women's & misses' outerwear	137.81	142.13	130.23	29.7	30.5	29.8	4.64	4.66	4.37
Women's & children's undergarments	124.50	127.44	130.13	31.6	32.1	34.7	3.94	3.97	3.75
Children's outerwear	143.15	135.65	128.43	30.2	28.8	33.1	4.74	4.71	3.88
Other apparel & textile products	152.69	149.98	134.53	35.1	34.4	33.3	4.35	4.36	4.04
Paper & allied products	304.48	309.81	289.45	44.0	44.9	44.6	6.92	6.90	6.49
Paper mills exc. building paper	400.32	413.82	368.54	48.0	49.5	47.8	8.34	8.36	7.71
Paper board containers & boxes	278.32	284.72	262.58	39.2	40.5	40.9	7.10	7.03	6.42
Corrugated & solid fiber boxes	278.59	283.14	266.88	37.8	39.0	38.4	7.37	7.26	6.95
Other paperboard containers	278.66	286.54	257.90	40.8	42.2	43.2	6.83	6.79	5.97
Other paper & allied products	272.97	272.83	272.96	45.8	45.7	46.5	5.96	5.97	5.87
Printing & publishing	278.98	271.57	254.54	37.0	36.6	35.8	7.54	7.42	7.11
Newspapers	294.67	292.82	269.10	33.6	33.2	33.1	8.77	8.82	8.13
Books	227.53	213.67	203.33	37.3	36.4	35.3	6.10	5.87	5.76
Commercial printing	294.91	286.50	274.14	38.5	38.2	37.4	7.66	7.50	7.33
Lithographing	275.64	274.02	263.87	37.4	37.9	36.7	7.37	7.23	7.19
Other commercial printing	314.82	299.15	283.86	39.7	38.5	38.0	7.93	7.77	7.47
Manifold business forms	291.40	294.23	271.54	39.7	39.6	37.3	7.34	7.43	7.28
Other printing & publishing	270.40	258.00	242.06	37.4	36.7	36.4	7.23	7.03	6.65
Chemicals & allied products	316.42	314.91	291.18	41.2	41.6	42.2	7.68	7.57	6.90
Industrial inorganic chemicals	340.77	340.89	315.20	43.3	44.1	44.9	7.87	7.73	7.02
Plastic materials & synthetics	318.40	307.97	295.30	40.0	40.1	41.3	7.96	7.68	7.15
Drugs	311.38	307.28	272.22	38.3	38.7	39.0	8.13	7.94	6.98
Soap, cleaners & toilet goods	280.77	289.72	270.94	42.8	44.3	43.7	6.56	6.54	6.20
Paints & allied products	272.64	266.35	269.33	36.4	35.8	40.5	7.49	7.44	6.65
Other chemicals & allied products	322.81	325.46	301.15	43.8	44.1	43.9	7.37	7.38	6.86
Petroleum & coal products	425.70	437.14	393.68	41.9	42.4	43.5	10.16	10.31	9.05
Petroleum refining	445.05	456.04	412.04	41.4	41.8	43.1	10.75	10.91	9.56
Other petroleum & coal products	351.42	360.37	331.94	43.6	44.6	45.1	8.06	8.08	7.36
Rubber & misc. plastics products	231.47	232.62	231.42	39.1	38.9	39.9	5.92	5.98	5.80
Tires & inner tubes	332.07	330.34	346.09	40.3	39.8	44.2	8.24	8.30	7.83
Fabricated rubber products, nec	270.10	275.22	258.07	40.8	41.2	42.1	6.62	6.68	6.13
Other rubber & plastic prods., nec	207.28	205.82	196.22	38.6	38.4	38.4	5.37	5.36	5.11
Leather & leather products	174.54	173.16	152.66	39.4	39.0	37.6	4.43	4.44	4.06
Footwear, exc. rubber	162.05	158.25	142.01	38.4	37.5	36.6	4.22	4.22	3.88
Men's footwear, exc. athletic	179.08	183.04	154.05	40.7	41.6	39.4	4.40	4.40	3.91
Women's footwear, exc. athletic	152.89	154.95	135.55	37.2	37.7	35.3	4.11	4.11	3.84
Other footwear	149.74	131.14	133.47	36.7	32.3	34.4	4.08	4.06	3.88
Other leather & leather products	223.43	223.08	192.71	43.3	43.4	43.6	5.16	5.14	4.42
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	371.70	343.44	354.60	45.0	42.4	45.0	8.26	8.10	7.88
Bituminous coal & lignite mining	343.43	358.56	370.14	30.5	32.1	34.4	11.26	11.17	10.76
Nonmetallic minerals, exc. fuels	343.93	349.72	334.63	44.9	45.3	47.6	7.66	7.72	7.03
Communication	345.74	341.34	324.01	39.2	39.1	40.4	8.82	8.73	8.02
Electric, gas, & sanitary services	412.16	397.39	377.12	44.8	44.6	43.8	9.20	8.91	8.61
Electric services	442.56	411.11	390.93	48.0	47.2	46.1	9.22	8.71	8.48
Gas production & distribution	346.09	348.57	323.42	41.3	42.2	41.2	8.38	8.26	7.85
General merchandise stores	132.35	130.61	123.03	26.9	26.6	27.1	4.92	4.91	4.54
Banking	181.78	180.74	165.08	INA	INA	INA	INA	INA	INA
Insurance carriers	219.42	218.91	202.74	INA	INA	INA	INA	INA	INA
Life insurance	207.26	203.71	189.87	INA	INA	INA	INA	INA	INA
Fire, marine & casualty insurance	216.46	216.66	205.98	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$167.23	40.2	$4.16	$187.17	41.5	$4.51	$139.03	38.3	$3.63	$212.38	41.4	$5.13
1974	180.97	39.6	4.57	203.45	41.1	4.95	146.59	37.3	3.93	239.61	41.1	5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1979	278.10	39.9	6.97	316.83	41.2	7.69	219.06	37.9	5.78	397.16	41.5	9.57
1979 May	273.14	39.7	6.88	311.54	41.1	7.58	215.27	37.7	5.71	387.39	41.3	9.38
Jun	278.29	40.1	6.94	316.30	41.4	7.64	218.12	38.0	5.74	397.00	42.1	9.43
Jul	277.31	39.9	6.95	313.65	41.0	7.65	221.37	38.3	5.78	397.00	42.1	9.43
Aug	279.49	39.7	7.04	317.79	40.9	7.77	221.92	38.0	5.84	399.75	41.0	9.75
Sep	285.51	40.1	7.12	323.42	41.2	7.85	225.00	38.2	5.89	407.12	41.5	9.81
Oct	284.57	39.8	7.15	323.05	41.1	7.86	224.37	37.9	5.92	397.39	40.8	9.74
Nov	294.19	40.3	7.30	334.88	41.6	8.05	230.78	38.4	6.01	425.60	41.2	10.33
Dec	291.34	39.8	7.32	329.65	40.9	8.06	231.87	38.2	6.07	408.35	39.8	10.26
1980 Jan	285.38	39.2	7.28	322.81	40.2	8.03	227.10	37.6	6.04	386.32	37.8	10.22
Feb	286.26	39.0	7.34	324.80	40.0	8.12	227.10	37.6	6.04	393.02	37.9	10.37
Mar	286.03	38.6	7.41	324.72	39.6	8.20	225.94	37.1	6.09	390.75	37.5	10.42
Apr	288.28	38.8	7.43	326.30	39.6	8.24	230.25	37.5	6.14	395.77	37.8	10.47
May	287.21	38.5	7.46	323.36	39.1	8.27	233.36	37.7	6.19	381.96	36.0	10.61

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$182.68	41.9	$4.36	$198.77	43.4	$4.58	$167.69	40.8	$4.11	$197.69	41.1	$4.81
1974	196.24	41.4	4.74	209.78	42.9	4.89	175.96	39.9	4.41	215.54	40.9	5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1979	285.93	40.5	7.06	311.33	42.3	7.36	266.64	40.4	6.60	348.60	42.0	8.30
1979 May	288.23	41.0	7.03	303.47	41.8	7.26	261.55	40.3	6.49	333.33	41.0	8.13
Jun	288.36	40.5	7.12	309.33	42.2	7.33	264.31	40.6	6.51	334.15	41.0	8.15
Jul	282.80	40.0	7.07	303.99	41.7	7.29	259.24	39.7	6.53	334.55	40.7	8.22
Aug	283.60	40.0	7.09	312.28	42.2	7.40	257.90	39.8	6.48	341.04	40.6	8.40
Sep	286.80	40.0	7.17	318.33	42.5	7.49	271.62	40.3	6.74	350.26	41.5	8.44
Oct	292.66	40.2	7.28	321.73	42.5	7.57	273.91	40.4	6.78	355.28	41.7	8.52
Nov	299.30	41.0	7.30	329.84	43.4	7.60	283.73	41.3	6.87	349.76	41.1	8.51
Dec	304.79	41.3	7.38	327.76	42.9	7.64	280.95	40.6	6.92	349.61	40.7	8.59
1980 Jan	296.38	40.6	7.30	329.80	42.5	7.76	281.48	40.5	6.95	353.87	41.1	8.61
Feb	298.56	40.4	7.39	329.33	41.9	7.86	285.31	40.7	7.01	349.74	40.2	8.70
Mar	301.55	40.1	7.52	330.22	41.8	7.90	282.49	39.9	7.08	351.12	39.9	8.80
Apr	295.77	39.7	7.45	331.14	41.6	7.96	286.34	40.5	7.07	358.80	41.0	8.97
May	305.12	40.2	7.59	332.86	41.4	8.04	278.39	39.6	7.03	353.81	40.0	8.98

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$158.36	40.5	$3.91	$120.43	39.1	$3.08	$ 99.71	33.8	$2.95	$180.81	38.8	$4.66
1974	171.68	40.3	4.26	124.74	37.8	3.30	103.02	32.6	3.16	189.52	38.0	4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1979	251.20	40.0	6.28	178.26	38.5	4.63	143.44	32.6	4.40	263.87	36.7	7.19
1979 May	248.00	40.0	6.20	180.11	38.9	4.63	139.54	32.3	4.32	254.54	35.8	7.11
Jun	248.58	39.9	6.23	182.82	39.4	4.64	143.77	32.9	4.37	256.68	36.0	7.13
Jul	253.49	40.3	6.29	178.31	38.1	4.68	145.25	33.7	4.31	265.27	37.1	7.15
Aug	256.07	40.2	6.37	180.01	38.3	4.70	142.79	32.6	4.38	266.35	37.2	7.16
Sep	256.14	40.4	6.34	181.93	38.3	4.75	146.17	32.7	4.47	268.93	37.3	7.21
Oct	248.77	39.3	6.33	185.85	38.8	4.79	148.98	32.6	4.57	265.70	36.8	7.22
Nov	261.06	40.6	6.43	188.37	39.0	4.83	149.77	32.7	4.58	276.77	37.3	7.42
Dec	266.18	40.7	6.54	186.73	38.5	4.85	147.23	31.8	4.63	291.39	38.8	7.51
1980 Jan	259.24	39.7	6.53	191.12	38.5	4.99	149.12	32.0	4.66	274.91	37.0	7.43
Feb	260.95	39.3	6.64	185.71	37.9	4.90	152.06	32.7	4.65	271.50	36.2	7.50
Mar	259.62	39.1	6.64	186.25	37.4	4.98	147.23	31.8	4.63	276.33	36.4	7.55
Apr	264.71	39.1	6.77	187.94	38.2	4.92	151.59	32.6	4.65	271.57	36.6	7.42
May	275.42	39.8	6.92	190.30	38.6	4.93	150.94	32.6	4.63	278.98	37.0	7.54

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1969	$127.52	40.1	$3.18	112.7	109.8	$116.14	$ 11.38
1970	131.71	39.2	3.36	119.1	116.3	113.25	18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
MANUFACTURING	968.5	983.3	996.1	37,324.0	38,158.1	39,589.2	278,508.0	283,694.1	272,490.2
DURABLE GOODS	583.6	593.5	605.8	22,824.9	23,527.6	24,871.2	188,724.5	193,822.9	188,410.6
NONDUR. GOODS	384.9	389.8	390.3	14,499.1	14,630.5	14,718.0	89,783.5	89,871.2	84,079.6

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Group

(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.5	809.3	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,369.2	828.0	21.9	20.2	63.8	199.2	112.5	137.8
1979	1,389.8	853.9	22.5	20.4	65.0	203.2	116.0	142.5
1979 May	1,392.2	855.2	22.9	20.2	65.0	202.5	115.9	143.4
Jun.	1,409.8	866.4	23.2	20.3	67.1	207.1	116.6	144.6
Jul.	1,397.1	861.9	22.9	19.7	67.0	206.8	114.7	142.9
Aug.	1,340.4	852.0	23.1	20.5	66.4	207.1	116.1	141.1
Sep.	1,398.0	861.5	23.0	20.8	65.6	204.7	116.0	143.2
Oct.	1,394.6	860.0	22.8	20.9	65.0	202.5	116.3	144.0
Nov.	1,390.2	857.2	22.2	20.8	64.5	201.9	116.2	142.5
Dec.	1,383.7	853.0	21.7	20.3	64.6	200.7	116.6	143.4
1980 Jan.	1,374.3	846.9	22.3	20.3	62.7	198.7	115.9	146.7
Feb.	1,372.0	845.8	22.7	20.0	62.0	197.3	115.8	146.7
Mar.	1,372.2	846.8	22.7	20.0	62.4	197.4	116.6	146.3
Apr.	1,351.5	836.6	22.4	20.0	61.9	197.3	114.6	146.0
May	1,366.7	826.7	21.8	19.2	61.0	193.4	112.5	145.0

Year and Month	Electric and Electronic Equipment	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.3	37.3	27.8	532.2	98.8	3.6	49.4
1978	123.9	81.8	40.3	26.6	541.2	99.7	4.0	50.6
1979	127.1	87.8	42.9	26.6	536.0	100.1	3.6	48.4
1979 May	128.8	87.1	43.1	26.3	537.0	98.0	3.7	48.6
Jun.	128.3	88.4	43.7	27.1	543.4	99.6	3.7	49.1
Jul.	129.1	88.5	43.4	26.9	535.2	99.9	3.6	47.6
Aug.	119.4	87.5	43.4	27.4	538.4	101.7	3.5	48.4
Sep.	128.9	89.4	42.8	27.1	536.5	102.2	3.4	48.2
Oct.	128.4	90.1	42.7	27.3	534.6	102.2	3.3	48.0
Nov.	129.2	90.4	42.8	26.7	533.0	101.4	3.3	48.1
Dec.	128.9	88.1	42.8	25.9	530.7	102.1	3.2	47.5
1980 Jan.	129.2	83.3	43.1	24.7	527.4	99.3	3.3	46.7
Feb.	127.1	86.5	43.0	24.7	526.2	97.7	3.2	47.1
Mar.	126.7	86.8	43.2	24.7	525.4	96.8	3.2	47.4
Apr.	125.1	81.6	42.7	25.0	530.1	97.5	3.2	47.4
May	125.0	81.5	42.6	24.7	524.8	97.4	3.1	46.5

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TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)
Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	135.2	61.0	44.4	71.1	59.9	17.3	39.9	19.2
1979	128.8	58.9	44.8	72.1	61.0	17.4	42.0	17.8
1979 May	131.5	60.5	44.5	72.0	60.9	17.6	42.2	18.0
Jun.	132.3	61.0	45.0	72.3	61.9	18.2	42.9	18.4
Jul.	127.1	57.9	45.1	72.2	62.0	18.1	42.6	17.0
Aug.	126.6	56.6	46.1	71.8	61.9	18.2	42.4	17.8
Sep.	126.5	57.0	45.4	71.7	61.2	17.9	42.4	17.6
Oct.	125.6	56.9	44.6	72.0	61.2	17.7	42.5	17.5
Nov.	124.6	56.5	44.2	72.8	61.1	17.8	42.3	17.4
Dec.	122.5	54.3	43.8	73.5	61.5	17.1	42.0	17.5
1980 Jan.	123.7	55.9	43.7	73.3	61.0	16.8	41.9	17.7
Feb.	126.0	57.6	43.5	73.4	61.1	15.7	41.1	17.4
Mar.	126.2	57.8	43.7	73.9	62.1	14.7	40.1	17.3
Apr.	126.9	57.6	43.4	74.4	62.3	16.8	40.6	17.6
May	125.3	55.6	43.3	74.2	62.4	16.8	38.3	17.5

TABLE 12. SELECTED PENNSYLVANIA INDICES
(Not Adjusted)
1967 = 100

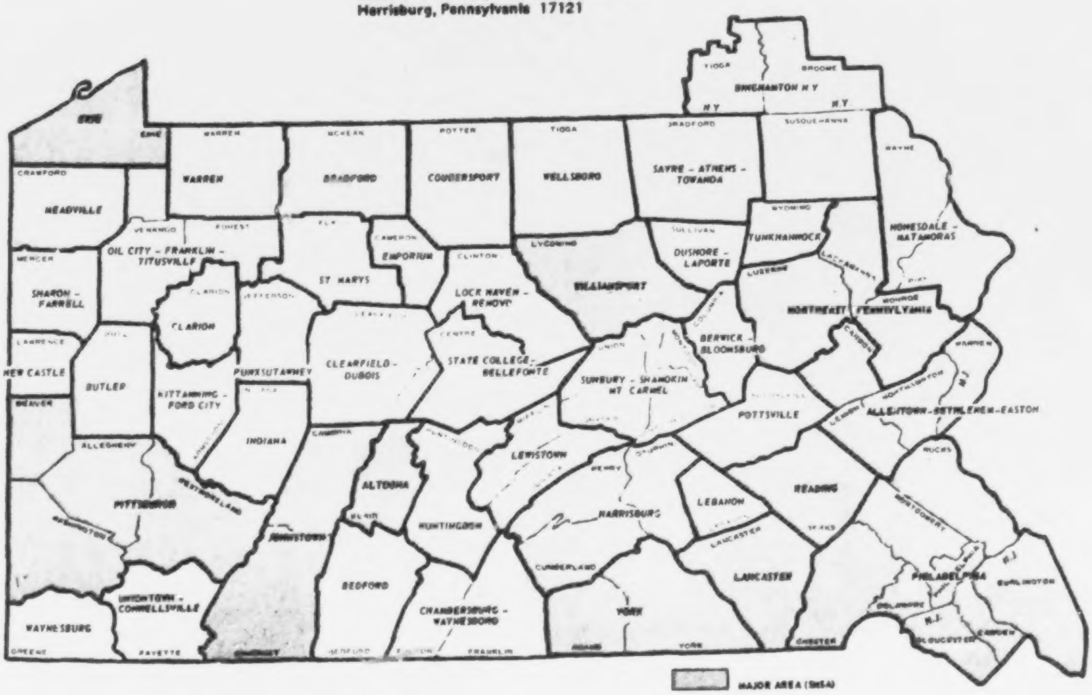
	1980		1979	1978	ANNUAL AVERAGE	
Industry Group	May	Apr.	May	May	1979	1978
EMPLOYMENT						
All Manufacturing	86.8	87.8	89.4	87.7	89.3	87.9
Primary Metals	75.5	77.0	79.0	77.1	79.3	77.7
Apparel	69.8	70.7	73.2	75.8	71.7	75.3
All Nonmanufacturing	133.2	132.1	132.9	129.7	131.8	128.5
Construction	113.6	108.0	115.6	111.5	113.4	109.6
Retail Trade	129.9	128.3	132.0	131.7	130.9	131.0
Services	163.5	161.8	157.0	148.7	157.1	148.1
Government	128.7	128.4	130.6	130.5	127.4	127.8

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to:

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121


BINGHAMTON N.Y.
N.Y.
ERIE
WARREN
BRADFORD
COUDERSPORT
WELLSBORO
SAYRE - ATHENS - TOWANDA
MEADVILLE
OIL CITY - FRANKLIN - TITUSVILLE
SHARON - FARRELL
CLARION
ST MARYS
EMPORIUM
LOCK HAVEN - RENOVO
WILLIAMSPORT
DUSHORE - LAPORTE
TUNKHANNOCK
HONESDALE - MATAMORAS
NORTHEAST PENNSYLVANIA
NEW CASTLE
BUTLER
PUNXSUTAWNEY
CLEARFIELD - DUBOIS
STATE COLLEGE - BELLEFONTE
SUNBURY - SHAMOKIN - MT CARMEL
BERWICK - BLOOMSBURG
KITTANNING - FORD CITY
INDIANA
POTTSVILLE
ALLENTOWN - BETHLEHEM - EASTON
N.J.
PITTSBURGH
ALTOONA
LEWISTOWN
JOHNSTOWN
HUNTINGDON
HARRISBURG
LEBANON
READING
BEDFORD
CHAMBERSBURG - WAYNESBORO
YORK
LANCASTER
PHILADELPHIA
UNIONTOWN - CONNELLSVILLE
WAYNESBURG
MAJOR AREA (SMSA)

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN - BETHLEHEM - EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

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TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES MAJOR LABOR MARKET AREAS

(Per 100 Employees)
APRIL 1980

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
PENNSYLVANIA	1,366.7	2.5	2.7	2.9	1.3	1.4	1.7	1.0	1.0	0.9
ALLENTOWN-BETHLEHEM-EASTON	111.5	2.0	2.3	2.8	1.2	1.4	1.8	0.6	0.7	0.9
ALTOONA	13.4	2.1	3.4	1.9	1.5	2.1	1.0	0.5	1.2	0.7
ERIE	42.4	2.5	2.2	2.8	0.9	1.3	1.6	1.1	0.5	0.6
HARRISBURG	42.8	2.5	2.8	2.7	1.5	1.8	2.1	0.9	0.8	0.5
JOHNSTOWN	19.3	3.0	1.9	3.5	0.6	0.4	1.3	1.9	1.2	2.1
LANCASTER	59.8	2.5	2.3	3.1	1.8	1.9	2.5	0.7	0.4	0.5
NORTHEAST	74.6	3.3	3.7	2.8	1.4	1.9	1.4	1.6	1.5	1.2
SCRANTON	28.6	2.9	3.3	2.1	1.0	1.9	1.3	1.8	1.4	0.7
WILKES-BARRE-HAZLETON	40.5	3.8	3.8	2.9	1.5	1.7	1.3	2.0	1.7	1.3
PHILADELPHIA	451.3	2.7	3.0	2.7	1.6	1.8	1.9	0.9	1.0	0.7
PITTSBURGH	249.2	2.1	2.2	2.2	0.8	0.7	1.0	1.0	1.1	0.9
READING	53.0	2.6	2.1	3.1	1.6	1.4	2.2	0.9	0.7	0.8
WILLIAMSPORT	15.1	2.2	1.4	2.1	1.5	0.8	1.6	0.5	0.3	0.4
YORK	66.3	2.4	2.9	3.4	1.6	2.0	2.9	0.7	0.8	0.5

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979	Apr. 1980	Mar. 1980	Apr. 1979
PENNSYLVANIA	1,366.7	3.3	3.0	2.8	0.8	0.9	1.1	1.8	1.4	1.0
ALLENTOWN-BETHLEHEM-EASTON	111.5	3.0	2.3	2.5	0.8	0.9	1.0	1.7	0.8	1.0
ALTOONA	13.4	1.4	4.6	1.9	0.6	0.9	0.8	0.6	2.6	0.9
ERIE	42.4	3.5	2.8	2.5	0.6	0.7	1.0	1.9	1.1	0.6
HARRISBURG	42.8	4.3	2.7	3.2	1.2	1.2	1.3	2.5	0.9	1.5
JOHNSTOWN	19.3	3.2	4.4	2.4	0.5	0.5	0.8	2.1	2.5	0.8
LANCASTER	59.8	3.1	3.0	3.3	1.2	1.5	1.9	1.3	1.0	1.0
NORTHEAST	74.6	3.4	3.0	3.6	0.9	1.0	1.2	1.9	1.4	2.0
SCRANTON	28.6	3.3	2.9	4.7	0.9	1.0	1.3	2.0	1.7	2.9
WILKES-BARRE-HAZLETON	40.5	3.4	2.9	2.6	1.0	1.0	1.1	1.9	1.2	1.2
PHILADELPHIA	451.3	3.4	3.1	2.9	1.0	0.9	1.1	1.7	1.4	1.2
PITTSBURGH	249.2	3.1	2.6	2.0	0.4	0.4	0.5	2.0	1.3	0.9
READING	53.0	4.0	3.5	3.5	1.0	1.1	1.5	2.4	1.8	1.4
WILLIAMSPORT	15.1	1.7	4.5	3.2	0.4	0.5	0.9	0.9	3.6	1.0
YORK	66.3	3.3	3.1	3.6	1.2	1.3	2.1	1.6	1.2	0.9

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
PENNSYLVANIA	$287.21	$288.28	$273.14	38.5	38.8	39.7	$7.46	$7.43	$6.88
ALLENTOWN-BETHLEHEM-EASTON	297.96	296.06	265.17	38.2	38.6	37.4	7.80	7.67	7.09
ALTOONA	260.96	249.83	235.42	39.6	38.2	39.7	6.59	6.54	5.93
ERIE	307.57	302.94	276.34	40.9	40.5	41.0	7.52	5.48	6.74
HARRISBURG	281.00	282.40	258.85	40.2	40.4	40.7	6.99	6.99	6.36
JOHNSTOWN	307.56	307.10	292.00	37.1	37.0	39.3	8.29	8.30	7.43
LANCASTER	260.80	259.10	244.80	40.0	39.8	40.8	6.52	6.51	6.00
NORTHEAST	208.99	207.52	192.03	36.6	36.6	36.3	5.71	5.67	5.29
SCRANTON	197.53	204.37	187.04	35.4	36.3	35.9	5.58	5.63	5.21
WILKES-BARRE-HAZLETON	211.81	208.46	194.38	36.9	36.7	36.4	5.74	5.68	5.34
PHILADELPHIA	297.40	293.53	277.49	39.6	39.4	40.1	7.51	7.45	6.92
PITTSBURGH	353.05	364.00	342.31	38.5	40.0	40.8	9.17	9.10	8.39
READING	267.50	268.23	237.25	38.6	39.1	37.9	6.93	6.86	6.26
WILLIAMSPORT	253.06	256.19	240.34	38.4	38.7	39.4	6.59	6.62	6.10
YORK	259.52	269.18	250.71	39.5	40.6	41.1	6.57	6.63	6.10

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT
MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	May 1980		Apr. 1980		May 1979	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	7.0	7.8	6.6	7.0	5.2	5.8
PENNSYLVANIA	7.2	8.3	7.3	7.7	5.6	6.8
ALLENTOWN-BETH-EASTON	6.3	7.3	5.8	6.1	5.3	6.1
ALTOONA	8.1	9.4	8.5	8.8	7.3	8.5
ERIE	8.8	9.9	8.4	8.6	6.2	7.1
HARRISBURG	5.4	6.3	5.5	6.0	4.0	4.8
JOHNSTOWN	10.7	13.2	10.8	12.2	6.6	8.1
LANCASTER	5.4	6.3	4.9	5.1	3.7	4.3
NORTHEAST	9.0	10.8	9.3	9.9	6.8	8.3
SCRANTON	8.4	10.2	8.3	8.3	6.6	8.0
W BARRE-HAZLETON	9.6	11.4	9.9	10.7	7.1	8.4
PHILADELPHIA	6.7	7.5	6.3	6.7	6.2	6.9
PITTSBURGH	6.5	7.8	6.4	6.8	4.8	5.8
POTTSVILLE	9.9	-	9.9	-	6.7	-
READING	7.7	8.4	7.3	7.0	4.8	5.3
UNIONTOWN-CONNELLSVLE	9.6	-	12.0	-	6.5	-
WILLIAMSPORT	13.4	15.9	15.1	15.1	7.4	8.9
YORK	6.3	7.4	6.1	6.5	4.3	5.0

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
UNITED STATES	104,028.0	103,412.0	101,473.0	96,709.0	96,566.0	96,222.0	7,318.0	6,846.0	5.253.0
PENNSYLVANIA	5,301.0	5,321.0	5,209.0	4,919.0	4,933.0	4,915.0	382.0	388.0	294.0
ALLENTOWN-BETH-EASTON	298.5	297.6	289.9	279.8	280.3	274.6	18.8	17.3	15.3
ALTOONA	59.4	59.5	56.7	54.6	54.4	52.6	4.8	5.1	4.1
ERIE	126.5	126.7	123.6	115.4	116.1	115.9	11.1	10.6	7.7
HARRISBURG	216.8	217.6	214.5	205.1	205.7	205.8	11.7	11.9	8.7
JOHNSTOWN	109.6	110.1	106.7	97.8	98.2	99.7	11.8	11.9	7.0
LANCASTER	176.3	176.9	173.3	166.8	168.3	166.9	9.5	8.6	6.4
NORTHEAST	282.1	284.2	276.9	256.7	257.8	257.9	25.4	26.4	19.0
SCRANTON	103.4	103.7	101.9	94.7	95.1	95.2	8.7	8.6	6.8
W BARRE-HAZLETON	152.4	153.5	149.0	137.8	138.4	138.5	14.6	15.2	10.5
PHILADELPHIA	2,122.7	2,123.3	2,079.1	1,980.0	1,989.0	1,950.0	142.8	134.3	129.2
PITTSBURGH	1,004.2	1,005.5	992.0	939.1	941.3	944.5	65.1	64.2	47.5
POTTSVILLE	65.4	66.5	65.5	59.0	59.9	61.2	6.5	6.6	4.4
READING	152.4	153.3	148.6	140.6	142.2	141.4	11.8	11.1	7.2
UNIONTOWN-CONNELLSVLE	56.1	58.9	58.2	50.7	51.8	54.4	5.4	7.1	3.8
WILLIAMSPORT	52.3	53.1	51.7	45.3	45.0	47.9	7.0	8.0	3.8
YORK	171.4	172.0	169.2	160.6	161.5	162.0	10.8	10.5	7.2

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	Nonagricultural Wage and Salary			Private Sector *		
	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
UNITED STATES	90,328.0	90,508.0	89,398.0	74,302.0	74,433.0	73,800.0
PENNSYLVANIA	4,835.5	4,820.2	4,873.8	4,100.6	4,088.4	4,122.0
ALLENTOWN-BETHLEHEM-EASTON	265.2	264.2	263.0	235.4	234.6	232.8
ALTOONA	54.5	54.0	53.0	46.4	46.1	45.4
ERIE	116.7	116.9	118.6	101.8	102.1	102.8
HARRISBURG	217.1	216.4	220.3	161.1	160.5	163.3
JOHNSTOWN	89.4	89.3	92.2	74.3	74.3	76.6
LANCASTER	151.8	152.9	154.0	136.3	137.6	138.3
NORTHEAST	243.8	243.5	248.0	203.3	202.6	207.7
SCRANTON	86.5	86.9	86.8	74.7	74.6	75.0
WILKES-BARRE-HAZLETON	127.2	126.7	131.7	106.5	106.1	111.4
PHILADELPHIA	1,944.1	1,941.3	1,934.8	1,635.2	1,635.7	1,628.1
PITTSBURGH	952.5	949.7	968.3	821.6	818.8	840.1
POTTSVILLE	47.7	48.2	49.9	39.1	39.3	41.4
READING	138.2	139.2	140.3	120.2	121.4	122.0
UNIONTOWN-CONNELLSVILLE	35.0	35.6	37.9	27.7	28.3	30.7
WILLIAMSPORT	45.8	45.3	49.0	39.4	38.9	42.4
YORK	155.5	155.7	158.6	135.8	136.6	137.3

Area	Manufacturing			Nonmanufacturing		
	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
UNITED STATES	20,328.0	20,603.0	21,059.0	70,000.0	69,905.0	68,339.0
PENNSYLVANIA	1,351.5	1,366.7	1,392.2	3,479.0	3,449.9	3,470.8
ALLENTOWN-BETHLEHEM-EASTON	110.8	111.5	109.6	154.4	152.7	153.1
ALTOONA	13.3	13.4	13.0	41.0	40.6	39.9
ERIE	41.9	42.4	44.5	74.5	74.2	73.1
HARRISBURG	42.6	42.8	42.9	174.4	173.5	177.1
JOHNSTOWN	19.6	19.3	20.7	69.8	70.0	71.4
LANCASTER	58.7	59.8	60.1	93.1	93.1	93.8
NORTHEAST	73.4	74.6	74.6	170.1	168.3	173.2
SCRANTON	28.2	28.6	28.0	58.3	57.8	58.8
WILKES-BARRE-HAZLETON	40.0	40.5	41.9	86.9	86.1	89.8
PHILADELPHIA	447.8	451.3	455.1	1,494.4	1,489.1	1,476.0
PITTSBURGH	247.7	249.2	255.8	703.5	699.1	711.0
POTTSVILLE	19.6	20.0	21.4	28.1	28.2	28.5
READING	51.6	53.0	53.5	86.5	86.2	85.4
UNIONTOWN-CONNELLSVILLE	7.1	7.6	8.3	27.9	28.0	29.6
WILLIAMSPORT	15.5	15.1	18.6	30.3	30.2	30.4
YORK	65.0	66.3	65.1	90.2	89.4	91.7

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* Excludes Government employment

TABLE 17. LABOR TURNOVER RATES IN PENNSYLVANIA
NONDURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	Nondurable Goods						Food & Kindred						Textiles						Apparel					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.2	2.7		4.9	2.1	2.1	5.2	3.3		5.8	2.6	2.5	4.5	3.6		5.5	3.1	1.7	5.2	2.5		6.6	2.1	3.8
1975	4.1	1.8		4.4	1.3	2.5	4.6	2.3		4.9	1.5	2.7	4.5	2.3		5.1	1.6	2.8	5.6	2.3		5.6	1.5	3.5
1976	3.9	2.2	1.4	4.1	1.4	2.0	4.6	2.3	2.0	4.9	1.4	2.8	4.5	3.0	1.2	4.8	2.2	1.9	4.8	2.5	2.0	5.5	1.7	2.9
1977	3.9	2.3	1.4	3.9	1.5	1.8	4.9	2.4	2.2	5.0	1.6	2.8	4.3	3.0	1.1	4.6	2.2	1.8	5.1	2.6	2.2	5.1	1.8	2.6
1978	3.6	2.4	1.0	3.6	1.7	1.3	4.1	2.5	1.4	4.3	1.8	1.9	4.5	3.5	0.8	4.2	2.6	0.9	4.3	2.7	1.3	4.6	2.0	1.8
1979	3.8	2.4	1.2	3.8	1.7	1.5	4.3	4.1	1.4	4.4	1.9	1.8	3.9	2.8	0.9	4.4	2.5	1.2	5.0	2.5	2.2	5.3	1.9	2.6
Apr.	3.6	2.1	1.1	3.5	1.5	1.3	4.3	2.5	1.6	4.1	1.6	2.0	3.6	2.6	0.8	4.1	2.4	1.1	4.3	2.2	1.7	4.5	1.8	1.8
May	4.1	2.7	1.1	3.7	1.7	1.4	5.0	3.4	1.3	4.7	1.9	2.1	4.1	3.3	0.6	4.0	2.6	0.9	4.9	2.5	2.0	5.2	1.9	2.6
Jun.	4.3	3.0	1.0	3.6	1.7	1.3	5.1	3.6	1.2	4.4	2.0	1.7	4.3	3.6	0.5	4.0	2.5	0.8	4.7	2.5	1.8	5.1	2.0	2.2
Jul.	4.0	2.2	1.6	4.3	1.6	2.1	5.8	3.0	2.6	4.3	1.9	1.8	4.8	2.6	2.0	6.5	2.3	3.4	4.8	2.1	2.4	6.7	1.9	3.9
Aug.	4.2	2.7	1.2	5.0	2.9	1.4	5.4	3.5	1.4	4.6	3.1	0.8	4.4	3.4	0.9	6.2	3.7	0.4	5.3	2.6	2.4	6.5	2.8	2.7
Sep.	4.0	2.7	1.0	4.4	2.3	1.5	5.0	3.4	1.4	5.0	2.5	1.8	3.9	3.0	0.7	4.9	3.1	1.3	5.3	2.8	2.0	5.5	2.3	2.5
Oct.	3.7	2.5	1.0	3.8	1.7	1.5	4.2	2.9	1.1	4.8	2.0	1.9	4.4	3.1	1.1	4.1	2.3	1.2	5.1	2.7	2.2	5.1	1.9	2.6
Nov.	3.0	1.9	1.0	3.6	1.3	1.7	3.5	2.2	1.1	4.2	1.7	1.7	2.9	1.9	0.8	3.8	1.9	1.4	3.6	1.7	1.7	5.5	1.4	3.6
Dec.	2.4	1.2	1.0	3.3	0.9	1.9	3.1	1.6	1.3	3.8	1.2	1.9	1.9	1.3	0.4	3.3	1.2	1.5	3.1	1.0	1.8	5.3	0.9	3.8
1980																								
Jan.	3.8	2.0	1.6	3.7	1.3	1.7	2.6	1.4	1.1	4.4	1.4	2.4	3.9	2.8	1.0	3.9	1.9	1.3	6.8	2.9	3.6	4.7	1.7	2.3
Feb.	3.4	1.9	1.3	3.3	1.3	1.4	3.0	1.6	1.3	3.6	1.2	1.7	4.3	2.8	1.4	3.5	2.1	0.8	5.5	2.6	2.6	4.2	1.6	1.8
Mar.	3.3	2.0	1.2	3.4	1.3	1.5	3.1	1.7	1.2	3.5	1.1	1.9	3.9	2.6	1.1	3.5	1.9	1.0	4.4	2.4	1.7	4.5	1.8	1.9
Apr.	3.2	1.7	1.3	3.5	1.2	1.8	3.4	1.5	1.8	4.0	0.9	2.5	3.1	2.3	0.7	4.5	1.6	2.3	4.2	2.1	1.8	4.2	1.5	2.0

Year & Month	Paper & Allied Products						Printing & Publishing						Chemicals						Petroleum & Coal Products					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.7	2.0		3.5	1.6	1.3	2.4	1.9		2.6	1.4	0.7	2.2	1.6		2.3	1.0	0.7	1.4	1.1		1.4	0.6	0.3
1975	3.4	1.0		3.7	0.7	2.5	2.0	1.1		2.5	0.8	1.3	2.2	0.9		2.4	0.5	1.4	1.1	0.8		1.1	0.3	0.3
1976	2.5	1.5	0.9	2.4	0.8	1.1	2.3	1.5	0.6	2.3	0.9	0.9	2.1	1.2	0.7	1.9	0.6	0.8	1.5	1.0	0.2	1.6	0.4	0.3
1977	2.6	1.5	0.9	2.7	0.9	1.3	2.2	1.5	0.6	2.1	1.0	0.7	2.0	1.3	0.6	2.0	0.7	0.6	1.4	1.1	0.1	1.5	0.5	0.3
1978	2.7	1.7	0.8	2.6	1.1	0.9	2.5	1.8	0.6	2.4	1.2	0.8	2.0	1.4	0.5	1.8	0.7	0.5	1.4	1.1	0.2	1.5	0.5	0.4
1979	3.0	2.0	0.9	3.0	1.3	1.0	2.7	2.0	0.6	2.4	1.3	0.7	1.9	1.4	0.4	1.7	0.8	0.4	1.6	1.2	0.2	1.4	0.6	0.4
Apr.	2.6	1.6	0.8	2.5	1.1	0.8	2.4	1.8	0.5	2.3	1.2	0.8	1.6	1.1	0.3	1.2	0.6	0.4	2.0	1.1	0.8	1.2	0.5	0.4
May	3.8	2.6	0.9	2.5	1.2	0.8	2.7	2.2	0.5	2.4	1.3	0.7	2.2	1.7	0.4	1.3	0.6	0.3	2.4	1.6	0.4	1.0	0.4	0.2
Jun.	4.1	3.2	0.7	2.0	1.1	0.5	3.3	2.6	0.6	2.4	1.3	0.8	3.0	2.4	0.4	1.5	0.7	0.4	2.8	2.6	0.1	1.2	0.2	0.3
Jul.	4.3	2.6	1.6	3.6	1.2	1.7	2.4	1.7	0.6	2.1	1.2	0.6	1.6	1.2	0.3	1.4	0.7	0.4	2.7	2.3	0.2	1.1	0.4	0.2
Aug.	3.6	2.6	0.9	4.5	2.7	0.8	2.5	1.9	0.1	3.2	2.2	0.4	1.9	1.6	0.3	2.8	1.9	0.4	1.4	0.9	0.1	3.6	2.5	0.4
Sep.	3.2	2.8	0.2	4.4	2.7	1.0	2.8	2.3	0.4	2.7	1.8	0.6	2.0	1.5	0.3	2.5	1.2	0.8	1.7	1.4	0.2	1.8	1.1	0.1
Oct.	2.8	2.2	0.5	2.9	1.2	1.0	3.0	2.5	0.4	2.2	1.3	0.5	1.9	1.4	0.4	1.7	0.7	0.6	1.1	0.9	0.1	1.4	0.3	0.5
Nov.	2.4	1.6	0.7	2.8	1.1	1.0	2.4	1.8	0.5	2.2	1.1	0.8	1.4	0.9	0.4	1.2	0.6	0.3	0.9	0.8	0.1	1.5	0.4	0.7
Dec.	1.6	0.9	0.6	2.6	0.7	1.5	2.5	1.5	0.9	1.7	0.8	0.5	1.3	0.9	0.2	1.2	0.4	0.5	0.7	0.6	-	1.5	0.3	1.1
1980																								
Jan.	2.4	1.1	1.1	2.8	0.8	1.3	2.7	1.9	0.8	2.4	1.0	0.9	1.7	1.1	0.4	1.9	0.6	0.6	1.2	0.9	0.1	1.1	0.4	0.2
Feb.	2.5	1.5	0.8	2.8	0.8	1.4	2.1	1.5	0.7	2.4	1.2	0.8	1.8	1.3	0.3	1.6	0.6	0.2	0.8	0.5	0.2	1.2	0.3	0.1
Mar.	2.9	1.6	1.2	4.0	1.0	1.8	2.9	1.8	1.0	2.1	0.9	0.6	1.6	1.2	0.4	1.4	0.5	0.5	1.3	0.9	0.3	0.8	0.3	0.1
Apr.	2.7	0.9	1.6	2.7	0.7	1.4	2.5	1.8	0.7	2.5	1.2	0.9	1.4	1.0	0.2	1.4	0.5	0.5	1.0	0.9	-	0.5	0.2	0.1

Year & Month	Rubber & Plastics						Leather Goods					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.4	3.0		5.2	2.3	1.8	7.1	5.6		8.6	5.1	2.6
1975	3.7	1.1		4.9	0.9	3.1	6.8	5.1		7.0	3.5	2.6
1976	4.1	2.2	1.6	3.7	1.3	1.5	6.4	4.7	1.4	7.2	3.9	2.4
1977	3.5	2.3	1.0	3.6	1.4	1.3	6.6	4.9	1.3	6.8	4.1	1.8
1978	3.3	2.2	0.8	3.2	1.5	1.0	7.0	5.0	1.5	8.0	4.8	2.4
1979	3.6	2.4	0.9	3.5	1.6	1.1	6.7	4.8	1.3	7.7	4.5	2.4
Apr	3.8	2.2	1.4	3.4	1.2	1.4	6.7	4.9	1.5	8.2	4.7	2.5
May	4.8	3.2	1.2	3.2	1.5	0.8	7.9	5.8	1.5	8.2	5.4	1.4
Jun	4.5	3.4	0.7	2.9	1.2	1.0	7.8	5.7	1.5	7.3	4.5	2.1
Jul	3.1	2.0	0.8	3.2	1.4	1.0	5.5	4.0	1.0	9.9	4.5	4.9
Aug	3.9	2.8	0.7	5.6	3.3	1.3	10.4	6.5	3.7	10.8	6.7	3.4
Sep	3.5	2.4	0.6	4.4	2.3	1.2	6.2	4.6	1.1	8.0	6.0	1.3
Oct	3.1	2.1	0.7	3.5	1.3	1.1	5.6	4.9	0.4	7.0	4.5	1.7
Nov	2.5	1.3	0.9	2.8	1.0	1.2	4.5	3.6	0.6	6.7	3.2	3.0
Dec	1.8	1.0	0.7	3.0	0.6	1.7	4.3	2.2	1.8	5.6	2.4	2.3
1980												
Jan	3.2	1.7	1.2	4.0	1.2	2.1	7.0	5.0	1.7	6.1	3.6	1.8
Feb	2.4	1.4	0.7	4.5	0.9	2.6	5.1	3.9	1.1	6.5	3.3	2.6
Mar	2.6	1.2	0.9	4.1	1.0	2.3	7.0	5.5	1.4	7.0	3.8	2.6
Apr	3.5	1.3	1.8	5.1	1.0	3.2	9.3	5.1	1.3	6.4	4.0	1.6

N = Negligible

TABLE 18. LABOR TURNOVER RATES IN PENNSYLVANIA
DURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	All Manufacturing						Durable Goods						Furniture & Fixtures						Stone, Clay & Glass					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	3.4	2.2		3.9	1.6	1.6	2.9	1.9		3.2	1.2	1.3	5.0	3.5		7.0	2.9	3.0	3.6	2.0		4.6	1.4	2.5
1975	3.3	1.4		3.9	0.8	2.3	2.8	0.9		3.7	0.6	2.5	5.8	2.0		6.1	1.2	4.1	3.9	1.0		4.6	0.7	3.3
1976	3.3	1.5	1.5	3.5	0.9	1.9	2.9	1.0	1.6	3.1	0.6	1.8	5.1	2.8	2.0	5.2	1.8	2.5	3.7	1.3	2.3	3.5	0.7	2.2
1977	3.4	1.7	1.5	3.5	1.0	1.8	3.1	1.3	1.6	3.2	0.7	1.8	6.4	3.8	2.4	5.6	2.1	2.5	3.9	1.4	2.4	3.6	0.8	2.2
1978	3.0	1.8	0.9	2.9	1.2	1.1	2.6	1.5	0.9	2.4	0.8	0.9	4.8	4.0	0.6	4.7	2.7	1.0	2.7	1.6	1.0	2.8	0.9	1.2
1979	3.0	1.8	0.9	3.1	1.2	1.3	2.6	1.5	0.8	2.7	0.9	1.1	4.9	3.4	1.3	5.4	2.2	2.0	2.8	1.3	1.3	2.9	0.8	1.5
Apr	2.9	1.7	0.9	2.8	1.1	1.0	2.5	1.5	0.8	2.3	0.8	0.6	4.2	3.1	0.6	6.0	2.0	2.9	3.8	1.7	2.0	2.4	0.7	1.2
May	3.6	2.3	1.0	2.8	1.2	0.9	3.2	2.0	0.9	2.2	0.9	0.6	7.8	4.3	3.3	6.9	2.2	3.2	3.8	2.3	1.3	1.9	0.8	0.6
Jun	3.6	2.6	0.7	2.8	1.2	1.0	3.1	2.3	0.6	2.3	0.9	0.8	6.5	3.8	2.4	4.6	2.4	0.8	3.6	2.6	0.7	2.3	0.8	1.0
Jul	3.2	1.8	1.1	3.3	1.1	1.6	2.7	1.6	0.9	2.7	0.8	1.2	6.6	3.5	3.0	7.5	2.0	4.5	2.7	1.7	0.9	2.4	0.8	1.1
Aug	3.5	2.2	1.0	4.2	2.3	1.2	3.0	1.8	0.9	3.7	1.8	1.1	6.9	5.2	1.6	6.8	4.4	0.7	2.9	1.7	1.1	4.1	2.1	1.4
Sep	3.1	2.1	0.7	3.5	1.6	1.2	2.5	1.6	0.6	3.0	1.2	1.0	5.3	4.9	0.3	6.0	3.1	1.4	2.7	1.3	1.3	3.0	1.3	1.1
Oct	2.9	1.9	0.8	3.1	1.1	1.3	2.4	1.5	0.7	2.7	0.8	1.2	3.8	3.1	0.5	3.9	2.0	0.9	1.7	1.0	0.5	3.1	0.7	1.9
Nov	2.3	1.3	0.8	3.0	0.8	1.6	1.8	0.9	0.6	2.7	0.6	1.6	2.8	2.1	0.6	4.4	1.4	2.2	2.0	0.7	1.1	2.2	0.5	1.3
Dec	1.9	0.9	0.9	3.1	0.6	2.0	1.6	0.7	0.8	3.0	0.4	2.0	2.5	1.4	1.0	3.6	1.1	1.8	1.4	0.4	0.9	3.9	0.3	3.2
1980																								
Jan	3.2	1.5	1.4	3.3	0.9	1.7	2.8	1.2	1.3	3.1	0.6	1.8	3.5	1.9	1.5	5.3	1.3	3.2	2.5	0.6	1.8	3.9	0.5	2.8
Feb	2.8	1.4	1.2	3.0	0.9	1.4	2.4	1.1	1.1	2.8	0.6	1.4	3.9	2.0	1.8	3.9	1.3	1.6	2.4	0.6	1.8	3.0	0.5	2.0
Mar	2.7	1.4	1.0	3.0	0.9	1.4	2.3	1.1	0.9	2.7	0.6	1.4	4.0	2.5	1.4	3.6	1.6	1.4	2.5	0.9	1.5	2.4	0.5	1.5
Apr	2.5	1.3	1.0	3.3	0.8	1.8	2.1	1.0	0.8	3.1	0.6	1.9	2.8	2.1	0.6	3.9	2.0	1.3	2.5	0.8	1.6	3.9	0.5	2.8

Year & Month	Primary Metals						Fabricated Metals						Machinery except Electrical						Electric & Electronic Equipment					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.3	1.5		2.3	0.9	0.8	3.7	2.4		4.1	1.4	1.8	2.6	2.1		2.3	1.2	0.4	2.2	1.4		2.9	1.1	1.1
1975	3.0	0.5		4.3	0.3	3.3	2.8	1.1		3.8	0.6	2.5	1.7	0.9		2.7	0.6	1.5	1.6	0.4		2.8	0.4	1.8
1976	3.3	0.6	2.4	3.3	0.4	2.2	2.7	1.1	1.5	3.5	0.6	2.2	2.4	0.9	1.4	2.8	0.6	1.7	2.1	1.0	0.7	2.2	0.6	0.9
1977	2.9	0.8	1.8	3.2	0.4	2.0	3.3	1.3	1.8	3.4	0.7	2.1	3.2	1.0	2.0	3.5	0.6	2.3	2.5	1.2	0.8	2.6	0.7	1.2
1978	2.5	1.1	1.2	2.4	0.5	1.1	3.1	1.6	1.2	3.0	0.9	1.3	2.1	1.4	0.5	1.6	0.7	0.4	2.3	1.3	0.7	2.3	0.8	0.8
1979	2.2	1.2	0.8	2.4	0.6	1.0	3.2	1.9	1.1	3.2	1.0	1.5	1.8	1.4	0.3	1.6	0.8	0.4	2.4	1.4	0.6	2.4	0.9	0.8
Apr.	2.0	1.1	0.7	1.9	0.4	0.7	2.8	1.8	0.9	3.1	0.9	1.6	1.6	1.2	0.2	1.3	0.7	0.2	2.5	1.4	0.7	2.3	0.8	0.5
May	3.3	1.8	1.1	1.6	0.5	0.4	3.8	2.4	1.1	2.5	1.1	0.7	1.9	1.6	0.2	1.5	0.8	0.2	2.9	1.8	0.6	2.4	1.0	0.6
Jun.	2.6	2.0	0.3	1.4	0.5	0.2	3.7	2.5	1.0	3.5	1.0	1.7	2.4	2.1	0.2	1.9	0.9	0.5	2.9	2.1	0.5	1.7	0.8	0.3
Jul.	2.2	1.4	0.6	2.3	0.5	0.8	3.3	1.9	1.1	3.3	0.9	1.7	2.0	1.3	0.5	1.9	0.7	0.7	2.9	1.6	1.0	2.8	0.8	1.5
Aug.	2.0	1.2	0.5	3.4	1.7	0.8	4.7	2.4	1.9	4.6	2.0	1.9	2.3	1.5	0.6	2.3	1.3	0.4	3.0	2.1	0.5	3.9	2.0	1.0
Sep.	1.7	1.0	0.5	3.4	1.0	1.6	3.3	2.3	0.7	3.0	1.2	1.1	1.8	1.5	0.2	2.0	0.9	0.5	2.4	1.5	0.4	2.3	1.2	0.4
Oct.	2.1	0.9	0.9	2.8	0.5	1.6	3.2	2.1	1.1	3.1	0.9	1.4	1.7	1.4	0.2	1.5	0.7	0.4	1.9	1.2	0.3	2.2	0.7	0.8
Nov.	1.7	0.7	0.9	2.3	0.3	1.4	2.4	1.4	0.9	2.7	0.6	1.5	1.4	1.1	0.2	1.3	0.6	0.4	1.5	0.9	0.2	1.9	0.5	0.8
Dec.	1.9	0.4	1.2	3.7	0.3	2.9	2.0	0.9	0.9	3.9	0.5	2.8	1.2	0.8	0.2	1.1	0.4	0.3	1.5	0.7	0.5	1.8	0.5	0.8
1980																								
Jan.	2.5	0.7	1.5	2.8	0.3	1.6	4.2	1.4	2.5	4.4	0.6	3.0	1.9	1.5	0.3	1.7	0.7	0.5	2.4	1.3	0.6	2.5	0.7	0.9
Feb.	2.3	0.6	1.4	2.4	0.4	1.2	3.0	1.2	1.4	3.2	0.6	1.9	1.7	1.3	0.4	1.7	0.7	0.6	1.8	1.0	0.4	3.0	0.7	1.4
Mar.	2.1	0.7	1.1	2.2	0.3	1.1	2.8	1.1	1.4	3.4	0.7	2.1	1.7	1.3	0.3	1.9	0.7	0.5	2.2	1.2	0.5	3.0	0.7	1.2
Apr.	2.0	0.5	1.1	3.0	0.3	2.0	2.2	1.0	1.1	5.0	0.6	3.7	1.4	1.1	0.2	1.6	0.6	0.5	2.0	1.2	0.4	2.9	0.6	1.4

Year & Month	Transportation Equipment						Instruments & Related						Miscellaneous Manufacturing					
	Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.2	2.2		4.2	1.1	2.0	2.9	2.4		2.8	1.4	0.7	3.8	2.6		4.8	1.8	2.3
1975	3.5	1.3		3.9	0.6	2.2	1.9	1.1		2.2	0.6	1.0	3.2	1.0		3.3	0.7	2.1
1976	3.2	1.1	1.6	3.5	0.5	2.0	2.1	1.4	0.5	1.8	0.7	0.6	2.6	1.5	0.9	2.7	0.8	1.2
1977	3.0	1.6	1.1	2.8	0.6	1.4	2.1	1.6	0.3	1.7	0.8	0.4	2.7	1.5	1.1	2.7	0.8	1.3
1978	3.0	1.5	1.0	2.5	0.7	1.0	2.0	1.6	0.2	1.7	0.9	0.3	2.9	1.9	0.9	2.9	1.0	1.2
1979	2.8	1.4	0.9	3.3	0.7	1.6	2.0	1.5	0.3	1.9	0.9	0.4	3.6	2.2	1.2	3.8	1.4	1.7
Apr.	3.1	1.4	1.3	2.9	0.7	1.1	2.0	1.4	0.5	1.7	0.9	0.3	3.3	1.6	1.6	3.0	0.9	1.1
May	3.1	1.5	1.2	2.5	0.6	0.9	2.7	1.9	0.6	2.0	0.9	0.5	3.5	2.3	1.0	2.2	1.1	0.3
Jun.	2.7	1.7	0.6	3.8	0.6	1.9	2.9	2.3	0.4	2.0	1.0	0.4	6.0	4.4	1.4	2.4	1.4	0.5
Jul.	3.2	1.4	1.2	3.0	0.6	1.4	1.5	1.2	0.1	2.1	0.8	0.8	3.3	1.5	1.7	4.1	1.4	2.2
Aug.	3.1	1.4	1.2	3.4	1.1	1.4	7.9	1.2	0.5	2.6	1.5	0.3	4.8	3.4	1.3	6.2	3.7	1.9
Sep.	3.1	1.7	1.0	3.1	1.0	1.2	1.5	1.2	0.2	3.0	1.1	1.0	4.0	3.2	0.6	3.8	2.0	1.0
Oct.	3.3	2.0	0.7	3.4	0.9	1.3	1.4	1.2	0.1	1.6	0.8	0.4	4.0	2.4	1.5	3.2	1.8	0.5
Nov.	2.2	0.7	1.1	6.2	0.6	4.7	1.5	1.0	0.4	1.4	0.6	0.4	1.6	1.1	0.4	6.6	1.5	4.5
Dec.	1.7	0.4	0.9	3.0	0.3	2.2	1.1	0.7	0.3	1.0	0.5	0.1	1.2	0.6	0.6	5.4	0.7	4.4
1980																		
Jan.	2.9	1.4	1.2	3.4	0.5	1.8	1.7	1.2	0.4	2.1	0.6	0.7	2.3	1.3	0.9	4.7	1.2	2.7
Feb.	2.8	1.3	1.1	3.4	0.6	1.7	1.8	1.3	0.3	1.9	0.7	0.7	3.3	1.5	1.6	3.0	1.0	1.4
Mar.	2.1	0.8	0.8	3.9	0.4	2.4	1.8	1.5	0.1	2.1	0.6	1.0	2.6	1.5	1.0	2.3	0.7	1.1
Apr.	2.1	0.7	0.9	3.3	0.4	2.0	1.5	1.2	0.2	1.9	0.6	0.7	3.8	2.8	0.7	3.9	0.9	2.1

N = Negligible

Released June 1, 1980

PENNSYLVANIA LABOR SURPLUS AREAS ELIGIBLE FOR FEDERAL PROCUREMENT PREFERENCE FROM JUNE 1, 1980 THROUGH MAY 31, 1981

Counties

Armstrong County
Bedford County
Cambria County
Cameron County
Carbon County
Clearfield County
Clinton County
Columbia County
Crawford County
Elk County
Fayette County
Fulton County
Greene County
Huntingdon County
Jefferson County
Juniata County
Lycoming County
Mifflin County
Monroe County
Northumberland County
Pike County
Potter County
Schuylkill County
Somerset County
Sullivan County
Susquehanna County
Tioga County
Wayne County
Westmoreland County
Wyoming County

Balance of Counties

Balance of Blair County - Blair County less Altoona City

Balance of Lackawanna County - Lackawanna County less Scranton City

Balance of Luzerne County - Luzerne County less Wilkes-Barre City

Cities and Townships

Altoona City - in Blair County
Bristol Township - in Bucks County
Chester City - in Delaware County
Erie City - in Erie County
Philadelphia City - in Philadelphia County
Pittsburgh City - in Allegheny County
Reading City - in Berks County
Scranton City - in Lackawanna County
Wilkes-Barre City - in Luzerne County

The above areas have been classified by the U. S. Department of Labor as labor surplus areas for purposes of Defense Manpower Policy No. 4B (DMP-4B) and Executive Orders 12073 and 10582 (implementing the Buy American Act). Employers in such designated areas are eligible for preference in bidding on Federal procurement contracts under these Acts or Orders.

To be classified as a labor surplus area a city or township must have (1) a population of 50,000 or more in 1970 Census or in any official annual updates of census estimates and (2) have an unemployment rate of 1.2 times the national average during the reference period. Counties or balances of counties (counties less areas of 50,000 population), regardless of population size, that have unemployment rates of 1.2 times the national average during the reference period are also classified as labor surplus areas. The reference period will be an average of the previous two calendar years.

List will be revised and published in June of each year.

Prepared by
Labor Market Information Section
Research & Statistics
DEPARTMENT OF LABOR AND INDUSTRY

COMMONWEALTH OF PENNSYLVANIA

OFFICE OF EMPLOYMENT SECURITY

8/8/80

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

JULY 1980

Vol. XXV No. 7

JOB SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY BUREAU OF EMPLOYMENT SECURITY
In cooperation with the United States Bureau of Labor Statistics
[illegible]

- EXPLANATORY -

INDUSTRY EMPLOYMENT

Employment data, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives."

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing to:
PENNSYLVANIA BUREAU OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING-ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717-787-3129

PUBLICATION ANNOUNCEMENT

The Pennsylvania Office of Employment Security, Occupational Employment Statistics Section in cooperation with the U. S. Department of Labor, Bureau of Labor Statistics, is producing 1976-1982 Occupational Nonagriculture Employment Projections for the state and its twelve Standard Metropolitan Statistical Areas (SMSAs). The state projections are currently available and will be followed soon by the SMSA projections. If you wish to obtain a copy of this publication for any of the areas listed, place a check mark after the appropriate area and complete the address form provided.

Organization (or Individual) ______________________________

Attn: (Dept.) ____

Address: ____

City ____________________ State ____________ Zip ______

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Altoona SMSA ____

Erie SMSA ____

Harrisburg SMSA ____

Johnstown SMSA ____

Lancaster SMSA ____

Philadelphia SMSA ____

Pittsburgh SMSA ____

Reading SMSA ____

Northeast SMSA ____

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Department of Labor and Industry
Office of Employment Security
R & S - Occupational Employment Statistics
Section
Room 1225, Labor and Industry Building
Harrisburg, PA 17121

Issued: July 1980 Reference: Mid-June

PENNSYLVANIA EMPLOYMENT & EARNINGS
JUNE 1980

Total unemployment in Pennsylvania, adjusted for seasonal influences, contracted in June although unadjusted unemployment expanded.

Seasonally adjusted, the volume of unemployment was estimated at 409,000 in June, down 37,000 from May. The rate of unemployment was 7.7 percent in June, down from 8.3 percent in May. Although the June decline was welcome, it may be only a brief respite from the pronounced increase of previous months. The entire drop in June can be attributed to less than the normal number of unemployed entrants to the labor force. Especially conspicuous was the unusually low number of high school and college graduates entering the labor force. Less than half of the anticipated number appeared. Current unemployment, however, is still substantially higher than one year ago when seasonally adjusted unemployment was 358,000 and the rate was 6.8 percent.

The unadjusted rate of unemployment jumped to 8.0 percent in June from the May rate of 7.2 percent. The unadjusted volume of unemployment swelled by 51,000 to stand at 433,000 in June. One year ago, unemployment numbered 383,000, and the unadjusted unemployment rate was 7.2 percent.

Nationwide, the June seasonally adjusted rate was 7.7 percent of the civilian labor force, down fractionally from 7.8 percent in May. The unadjusted rate was 7.8 percent in June, up sharply from 7.0 percent in May.

FACTORY JOBS PORTEND A SLOWING ECONOMY

A substantial weakening in the state's economy was in evidence during June if measured by the strength of nonagricultural wage and salary jobs. Although the drop was slight - a loss of 3,300 jobs to bring the total to 4,831,100 - a more serious situation emerges when manufacturing job data are reviewed. Standing alone, factory losses totaling 5,400 does not appear to be so drastic until comparison is made with better times when manufacturing industries would ordinarily be taking on three times this number during the early summer season. Nondurable industries appeared to firm up during the month with a better than 4,000 job boost. FOOD, APPAREL and PETROLEUM managed to eke out a few more positions but an erratic line of ups and downs ran among the remaining industries.

Durables suffered a severe cutback. Typically escalating at this time of the year - by 10,000 or more - jobs in these industries continued to erode - for the third consecutive month - losing 9,500 positions from May to June. Metal industries showed a particularly disquieting environment - PRIMARY down 6,500 and FABRICATED off another 1,500 jobs. The TRANSPORTATION EQUIPMENT industry, however, appears to have stabilized for the present after some rather significant losses during recent months.

Over the twelve month period, manufacturing industries revealed sizeable cutbacks, Nondurables whittling down nearly 15,000 jobs and Durables, a staggering 51,500.

Factory manhours continued to fall off. Dropping a tenth of an hour in June, the stronger effect, again, was among durable industries. The manufacturing workweek averaged 38.5 hours for more than 959,000 production workers. Manhours showed an erratic pattern among the twenty industries, ranging from increases of nearly an hour in PETROLEUM to dips of approximately a half hour in LEATHER and CHEMICALS.

Over the year, economic conditions drained off 1.6 production hours in Pennsylvania factories.

Nationwide, the factory workweek stood at 39.4, a slight improvement of one-tenth an hour over May.

Average hourly rates showed little change across the manufacturing spectrum. INSTRUMENTS gained twelve cents and APPAREL, ten - the remaining industries see-sawed around by a few pennies. Overall average factory rates stood still - at $7.48 for May and June.

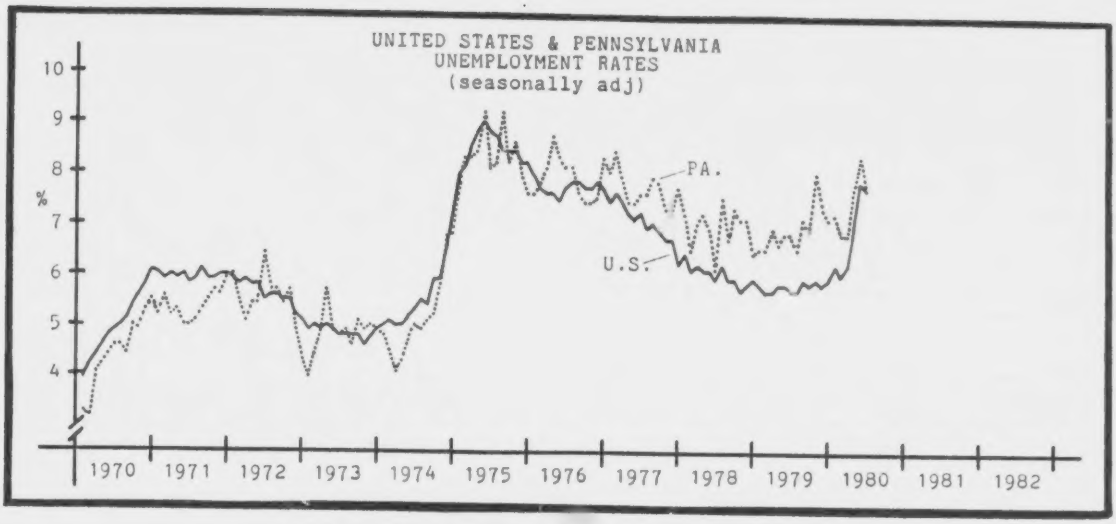
For the nation, the average hourly rate advanced five cents to $7.18.

NONMANUFACTURING JOBS SLOWLY DWINDLE

Nonmanufacturing jobs moved up a bit in June albeit the rise did not seem to suggest a promising job outlook. Construction found a place in the sun this month, placing 5,500 jobs at a time when many other industries were struggling to keep their heads above water. Increases in local government positions, although nearly offset by a drain on jobs at the state level, produced, nevertheless, a net increase of 5,300 in total GOVERNMENT employment.

RETAIL TRADE pulled back 5,800 jobs and SERVICES, showing the first loss in five months, cut 2,800. TRANSPORTATION was down and PUBLIC UTILITIES, reflecting a labor-management dispute, ended with a minus 2,400.

Nonmanufacturing jobs were off 14,000 compared with last June. RETAIL TRADE and TRANSPORTATION posted the greatest deficits, with -22,800 and -11,700, respectively, more than countering gains in SERVICES and GOVERNMENT.



EMPLOYMENT DATA IN THIS PUBLICATION HAVE BEEN REVISED TO FIRST QUARTER 1979 BENCHMARKS, AND ARE THEREFORE, NOT STRICTLY COMPARABLE WITH FIGURES PUBLISHED PRIOR TO JANUARY 1978. DATA ARE BASED ON INDUSTRY CLASSIFICATION IN ACCORDANCE WITH THE REVISED 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL.

On all tables data for most recent month are preliminary and subject to revision.

ADDITIONAL NOTATION ON PAGE 13

Table 1. Resident Employment, Unemployment and Unemployed Rate (Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1962	4,474.2	4,110.5	363.7	8.1		70,614.0	66,702.0	3,911.0	5.5	
1963	4,422.9	4,090.0	332.9	7.5		71,833.0	67,762.0	4,070.0	5.7	
1964	4,430.9	4,155.2	275.7	6.2		73,091.0	69,305.0	3,786.0	5.2	
1965	4,469.3	4,263.4	205.9	4.6		74,455.0	71,088.0	3,366.0	4.5	
1966	4,558.3	4,395.0	163.3	3.6		75,770.0	72,895.0	2,875.0	3.8	
1967	4,637.0	4,467.0	170.0	3.7		77,347.0	74,372.0	2,975.0	3.8	
1968	4,634.0	4,475.0	159.0	3.4		78,737.0	75,920.0	2,817.0	3.6	
1969	4,720.0	4,566.0	154.0	3.3		80,734.0	77,902.0	2,832.0	3.5	
1970	4,828.0	4,610.0	218.0	4.5		82,715.0	78,627.0	4,088.0	4.9	
1971	4,801.0	4,542.0	260.0	5.4		84,113.0	79,120.0	4,993.0	5.9	
1972	4,870.0	4,607.0	264.0	5.4		86,542.0	81,702.0	4,840.0	5.6	
1973	4,988.0	4,747.0	241.0	4.8		88,714.0	84,409.0	4,304.0	4.9	
1974	5,036.0	4,778.0	258.0	5.1		91,011.0	85,935.0	5,076.0	5.6	
1975	5,068.0	4,646.0	421.0	8.3		92,613.0	84,783.0	7,830.0	8.5	
1976	5,094.0	4,690.0	404.0	7.9		94,773.0	87,485.0	7,288.0	7.7	
1977	5,165.0	4,767.0	398.0	7.7		97,401.0	90,546.0	6,855.0	7.0	
1978	5,255.0	4,891.0	364.0	6.9		100,420.0	94,373.0	6,047.0	6.0	
1979	5,296.0	4,930.0	366.0	6.9		102,908.0	96,945.0	5,963.0	5.8	
1979 Jun.	5,333.0	4,950.0	383.0	7.2	6.8	104,153.0	97,917.0	6,235.0	6.0	5.7
Jul.	5,387.0	5,047.0	340.0	6.3	6.5	104,995.0	98,891.0	6.104.0	5.8	5.7
Aug.	5,339.0	4,967.0	372.0	7.0	7.1	104,363,0	98,226.0	6,137.0	5.9	5.9
Sep.	5,290.0	4,933.0	356.0	6.7	6.9	103,373.0	97,576.0	5,798.0	5.6	5.8
Oct.	5,348.0	4,923.0	425.0	7.9	8.0	103,939.0	98,158.0	5,781.0	5.6	5.9
Nov.	5,359.0	4,990.0	368.0	6.9	7.3	103,719.0	97,943.0	5,776.0	5.6	5.8
Dec.	5,331,0	4,978.0	354.0	6.6	7.1	103,884.0	98,047.0	5,836.0	5.6	5.9
1980 Jan.	5,332.0	4,918.0	414.0	7.8	7.2	103,188.0	96,145.0	7,043.0	6.8	6.2
Feb.	5,363.0	4,944.0	419.0	7.8	6.8	103,257.0	96,264.0	6,993.0	6.8	6.0
Mar.	5,357.0	4,941.0	415,0	7.8	6.8	103,351.0	96,546.0	6,805.0	6.6	6.2
Apr.	5,321.0	4,933.0	388.0	7.3	7.7	103,412.0	96,566.0	6,846.0	6.6	7.0
May	5,301.0	4,919.0	382.0	7.2	8.3	104,028.0	96,709.0	7,318.0	7.0	7.8
Jun.	5,396.0	4,963.0	433.0	8.0	7.7	106,067.0	97,776.0	8,291.0	7.8	7.7

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From–	
	Jun. 1980	May 1980	Jun. 1979	May 1980	Jun. 1979
TOTAL CIVILIAN LABOR FORCE	5,396.0	5,301.0	5,333.0	95.0	63.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	433.0	382.0	383.0	51.0	50.0
% CIVILIAN LABOR FORCE	8.0	7.2	7.2	0.8	0.8
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	409.0	446.0	358.0	-37.0	51.0
% CIVILIAN LABOR FORCE	7.7	8.3	6.8	-0.6	0.9
TOTAL EMPLOYMENT	4,963.0	4,919.0	4,950.0	44.0	13.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From–	
	Jun. 1980	May 1980	Jun. 1979	May 1980	Jun. 1979
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,837.8	4,839.5	4,921.5	-1.7	-83.7
LABOR-MANAGEMENT DISPUTES	6.7	5.1	10.2	1.6	-3.5
ALL MANUFACTURING INDUSTRIES	1,343.6	1,349.0	1,409.8	-5.4	-66.2
TOTAL NONMANUFACTURING INDUSTRIES	3,487.5	3,485.4	3,501.5	2.1	-14.0
Mining	49.0	48.8	52.7	0.2	-3.7
Anthracite	3.2	3.2	3.1	0.0	0.1
Bituminous	36.5	36.5	40.6	0.0	-4.1
Nonmetallic minerals	5.0	4.9	5.1	0.1	-0.1
Contract Construction	211.5	206.0	218.3	5.5	-6.8
General building	56.3	54.6	63.2	1.7	-6.9
Heavy construction	35.2	33.6	38.7	1.6	-3.5
Special trades	120.0	117.8	116.4	2.2	3.6
Transportation	161.5	163.4	173.2	-1.9	-11.7
Railroads	43.3	43.3	45.4	0.0	-2.1
Public Utilities	101.7 *	104.1	104.2	-2.4	-2.5
Communications	54.5	54.5	54.4	0.0	0.1
Electric, gas & sanitary service	47.2	49.6	49.8	-2.4	-2.6
Electric systems	21.8	23.8	23.4	-2.0	-1.6
Gas production	11.1	11.6	11.8	-0.5	-0.7
Wholesale trade	240.0	238.3	240.6	1.7	-0.6
Retail trade	738.4	744.2	761.2	-5.8	-22.8
General merchandise stores	114.4	116.1	122.7	-1.7	-8.3
Department stores	100.0	101.8	107.8	-1.8	-7.8
Finance, insurance & real estate	243.4	241.1	238.4	2.3	5.0
Banking	80.7	79.3	78.0	1.4	2.7
Commercial & stock savings	74.1	73.0	72.0	1.1	2.1
Credit agencies & securities	30.0	29.9	29.7	0.1	0.3
Insurance	71.1	70.7	69.3	0.4	1.8
Life insurance	26.5	26.3	26.4	0.2	0.1
Fire, marine & casualty	29.9	29.7	28.7	0.2	1.2
Services	997.1	999.9	977.1	-2.8	20.0
Business services	130.3	128.5	125.1	1.8	5.2
Health services	311.8	307.7	306.3	4.1	5.5
Nursing & personal care	51.7	51.0	50.1	0.7	1.6
Hospitals	192.3	189.1	185.9	3.2	6.4
Educational service	130.9	148.3	122.4	-17.4	8.5
Miscellaneous services	46.1	45.9	45.0	0.2	1.1
Engineering & architectural	29.5	29.0	28.8	0.5	0.7
Government	744.9	739.6	735.8	5.3	9.1
Federal	146.1	145.5	132.9	0.6	13.2
State & local	598.8	594.1	602.9	4.7	-4.1

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS

(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manufacturing	Total Non-Manufacturing	Mining	Contract Construction	Trade Total	Trade Wholesale	Trade Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.0	3,853.8	1,341.5	3,223.5	48.0	183.9	939.0	221.7	717.2
1978	4,724.6	3,999.7	1,369.2	3,355.4	46.8	199.0	983.7	230.8	752.9
1979	4,830.6	4,107.9	1,389.8	3,440.8	52.0	205.8	990.0	238.1	751.9
1979 Jun.	4,911.3	4,175.5	1,409.8	3,501.5	52.7	218.3	1,001.8	240.6	761.2
Jul.	4,852.6	4,142.8	1,397.1	3,455.5	52.3	226.8	987.8	241.1	746.7
Aug.	4,845.7	4,137.7	1,390.4	3,455.3	51.9	227.1	986.6	240.6	746.0
Sep.	4,855.9	4,157.7	1,398.0	3,457.9	52.5	225.6	989.5	237.5	752.0
Oct.	4,896.8	4,182.8	1,394.6	3,502.2	51.4	225.1	1,002.7	240.0	762.7
Nov.	4,911.1	4,184.4	1,390.2	3,520.9	51.9	220.0	1,017.4	240.8	776.6
Dec.	4,892.9	4,164.7	1,383.7	3,509.2	51.1	209.7	1,023.3	240.6	782.7
1980 Jan.	4,789.0	4,072.5	1,374.3	3,414.7	50.7	190.5	988.8	240.3	748.5
Feb.	4,763.9	4,045.9	1,372.0	3,391.9	50.2	179.1	969.5	240.3	729.2
Mar.	4,783.1	4,054.0	1,372.2	3,410.9	49.6	180.7	971.5	240.2	731.3
Apr.	4,816.6	4,088.4	1,366.7	3,449.9	50.5	196.0	977.0	240.0	737.0
May	4,834.4	4,094.8	1,349.0	3,485.4	48.8	206.0	982.5	238.3	744.2
Jun.	4,831.1	4,086.2	1,343.6	3,487.5	49.0	211.5	978.4	240.0	738.4

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous Total	Services and Miscellaneous Hospitals	Services and Miscellaneous Other Services	Government Total	Government Federal	Government State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.4	137.6	513.8
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.2	136.4	521.8
1974	161.1	104.4	207.3	773.6	154.9	618.7	681.5	136.6	544.9
1975	154.0	102.5	207.3	798.5	159.8	638.7	720.9	134.4	586.5
1976	155.4	101.1	211.4	839.7	165.5	674.2	721.6	131.8	589.8
1977	160.7	100.7	217.5	862.4	171.1	691.3	711.2	128.1	583.0
1978	165.7	101.5	226.6	907.2	177.9	729.3	724.9	129.5	595.4
1979	169.5	103.5	235.4	961.8	184.6	777.2	722.7	131.6	591.2
1979 Jun.	173.2	104.2	238.4	977.1	185.9	791.2	735.8	132.9	602.9
Jul.	166.3	105.0	239.5	968.0	186.7	781.3	709.8	133.5	576.3
Aug.	166.1	105.0	239.4	971.2	186.0	785.2	708.0	132.6	575.4
Sep.	170.9	104.0	236.9	980.3	185.6	794.7	698.2	131.4	566.8
Oct.	172.3	103.9	237.1	995.7	185.9	809.8	714.0	131.1	582.9
Nov.	171.3	104.0	237.7	991.9	186.4	805.5	726.7	132.1	594.6
Dec.	168.5	104.0	237.9	986.5	186.2	800.3	728.2	132.8	595.4
1980 Jan.	163.3	103.8	237.7	963.4	186.8	776.6	716.5	131.9	584.6
Feb.	162.1	103.9	238.0	971.1	187.4	783.7	718.0	131.7	586.3
Mar.	162.6	104.0	238.9	974.5	188.0	786.5	729.1	131.8	597.3
Apr.	164.4	104.1	238.9	990.8	188.5	802.3	728.2	132.1	596.1
May	163.4	104.1	241.1	999.9	189.1	810.8	739.6	145.5	594.1
Jun.	161.5	101.7*	243.4	997.1	192.3	804.8	744.9	146.1	598.8

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

MAY 1980

Industry	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
All Manufacturing	1,349.0	2.8	2.5	3.6	1.4	1.2	2.3	1.2	1.0	1.0
Durable Goods	824.4	2.5	2.0	3.2	1.0	1.0	2.0	1.2	0.8	0.9
Furniture & Fixtures	19.2	2.8	2.9	7.8	2.1	2.1	4.3	0.6	0.7	3.3
Stone, Clay & Glass Products	60.9	3.2	2.3	3.8	0.9	0.8	2.3	2.0	1.4	1.3
Primary Metal Industries	192.5	2.1	1.9	3.3	0.5	0.5	1.8	1.2	1.1	1.1
Fabricated Metal Products	112.7	3.0	2.3	3.8	1.1	1.1	2.4	1.7	1.1	1.1
Machinery, exc. Electrical	144.8	1.6	1.3	1.9	1.2	1.0	1.6	0.3	0.2	0.2
Electric & Electronic Equip.	124.2	2.4	2.0	2.9	0.9	1.1	1.8	0.9	0.5	0.6
Transportation Equipment	80.8	3.2	1.9	3.1	0.7	0.6	1.5	2.0	0.9	1.2
Instruments & Related Products	42.8	1.9	1.4	2.7	1.3	1.1	1.9	0.3	0.2	0.6
Miscellaneous Manufacturing	24.6	2.0	3.8	3.5	1.1	2.8	2.3	0.8	0.7	1.0
Nondurable Goods	524.6	3.1	3.2	4.1	2.1	1.7	2.7	1.1	1.3	1.1
Food & Kindred Products	97.5	4.4	3.3	5.0	2.6	1.6	3.4	1.6	1.7	1.3
Textile Mill Products	46.4	3.3	3.3	4.1	2.3	2.4	3.3	0.8	0.8	0.6
Apparel & Related Products	125.1	4.2	4.3	4.9	2.3	2.0	2.5	1.7	2.0	2.0
Paper & Allied Products	43.5	2.8	2.6	3.8	1.3	0.9	2.6	1.1	1.6	0.9
Printing & Publishing	74.0	2.4	2.5	2.7	1.6	1.8	2.2	0.7	0.7	0.5
Chemicals & Allied Products	62.5	1.9	1.3	2.2	1.2	0.9	1.7	0.5	0.3	0.4
Petroleum & Coal Products	16.8	2.9	1.6	2.4	1.9	0.9	1.6	0.9	0.7	0.4
Rubber & Plastics Products	38.2	2.6	2.4	4.8	1.4	0.9	3.2	0.9	1.1	1.2
Leather & Leather Products	17.5	5.3	8.8	7.9	4.7	4.9	5.8	0.4	1.5	1.5

Industry	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
All Manufacturing	1,349.0	4.2	3.4	2.8	0.8	0.8	1.2	2.7	2.0	0.9
Durable Goods	824.4	4.5	3.2	2.2	0.5	0.6	0.9	3.3	2.0	0.6
Furniture & Fixtures	19.2	4.5	3.9	6.9	1.2	1.7	2.2	1.9	1.6	3.2
Stone, Clay & Glass Products	60.9	3.6	3.7	1.9	0.4	0.5	0.8	2.6	2.6	0.6
Primary Metal Industries	192.5	6.0	2.9	1.6	0.3	0.3	0.5	5.1	2.0	0.4
Fabricated Metal Products	112.7	5.8	4.9	2.5	0.6	0.7	1.1	4.5	3.6	0.7
Machinery, exc. Electrical	144.8	2.1	1.6	1.5	0.6	0.6	0.8	1.0	0.5	0.2
Electric & Electronic Equip.	124.2	3.4	2.8	2.4	0.5	0.6	1.0	2.0	1.4	0.6
Transportation Equipment	80.8	5.2	5.0	2.5	0.3	0.4	0.6	4.0	3.8	0.9
Instruments & Related Products	42.8	2.4	1.7	2.0	0.7	0.5	0.9	1.2	0.7	0.5
Miscellaneous Manufacturing	24.6	4.6	4.9	2.2	1.1	1.0	1.1	3.2	3.1	0.3
Nondurable Goods	524.6	3.6	3.7	3.7	1.2	1.2	1.7	1.8	1.9	1.4
Food & Kindred Products	97.5	4.1	4.0	4.7	1.2	1.1	1.9	2.2	2.3	2.1
Textile Mill Products	46.4	3.6	4.8	4.0	1.5	1.7	2.6	1.5	2.5	0.9
Apparel & Related Products	125.1	5.2	4.4	5.2	1.5	1.5	1.9	2.9	2.3	2.6
Paper & Allied Products	43.5	2.8	3.2	2.5	0.8	0.8	1.2	1.5	1.8	0.8
Printing & Publishing	74.0	2.1	2.5	2.4	1.0	1.2	1.3	0.6	0.9	0.7
Chemicals & Allied Products	62.5	1.9	1.3	1.3	0.5	0.4	0.6	0.8	0.5	0.3
Petroleum & Coal Products	16.8	2.0	1.5	1.0	0.4	0.4	0.4	1.2	0.9	0.2
Rubber & Plastics Products	38.2	4.2	5.2	3.2	0.8	0.8	1.5	2.7	3.3	0.8
Leather & Leather Products	17.5	5.2	6.6	8.2	3.7	3.8	5.4	0.7	1.9	1.4

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Detail

(Thousands)

SIC	Industry	Total - All Employees			Net Change From -	
		Jun. 1980	May 1980	Jun. 1979	May 1980	Jun. 1979
	TOTAL MANUFACTURING INDUSTRIES	1,343.6	1,349.0	1,409.8	-5.4	-66.2
	TOTAL DURABLE GOODS	814.9	824.4	866.4	-9.5	-51.5
24	Lumber & wood products	21.4	21.9	23.2	-0.5	-1.8
243	Millwork, plywood & structural	6.6	6.9	7.3	-0.3	-0.7
	Other lumber & wood products	14.8	15.0	15.9	-0.2	-1.1
25	Furniture & fixtures	19.2	19.2	20.3	0.0	-1.1
251	Household furniture	9.0	9.0	9.7	0.0	-0.7
252	Office furniture	4.5	4.7	4.7	-0.2	-0.2
	Other furniture & fixtures	5.7	5.5	5.9	0.2	-0.2
32	Stone, clay & glass products	61.1	60.9	67.1	0.2	-6.0
322	Glass & glassware, pressed or blown	15.8	15.6	17.7	0.2	-1.9
3221	Glass containers	8.1	8.1	9.7	0.0	-1.6
3229	Other pressed or blown glass	7.7	7.5	8.0	0.2	-0.3
324	Hydraulic cement	3.1	2.9	3.7	0.2	-0.6
325	Structural clay products	6.1	6.2	7.0	-0.1	-0.9
326	Pottery & related products	4.8	4.8	5.3	0.0	-0.5
327	Concrete, gypsum & plaster products	8.9	8.7	9.2	0.2	-0.3
	Other stone, clay & glass products	22.4	22.7	24.2	-0.3	-1.8
33	Primary metal industries	186.0	192.5	207.1	-6.5	-21.1
331	Blast furnace & basic steel products	139.5	144.3	154.6	-4.8	-15.1
3312	Blast furnaces & steel mills	127.2	131.7	141.4	-4.5	-14.2
	Other basic steel products	12.3	12.6	13.2	-0.3	-0.9
332	Iron & steel foundries	19.2	19.9	20.6	-0.7	-1.4
3321	Gray iron foundries	7.4	7.8	8.1	-0.4	-0.7
3325	Steel foundries, n.e.c.	7.5	7.5	7.4	0.0	0.1
3322,4	Malleable iron & steel invest.	4.3	4.6	5.1	-0.3	-0.8
335	Nonferrous rolling & drawing	11.9	12.3	13.5	-0.4	-1.6
336	Nonferrous foundries	7.3	7.6	7.9	-0.3	-0.6
	Other primary metal products	8.1	8.4	10.5	-0.3	-2.4
34	Fabricated metal products,(incl. ordnance)	111.2	112.7	116.6	-1.5	-5.4
341	Metal cans & shipping containers	4.6	4.8	5.2	-0.2	-0.6
342	Cutlery, hand tools & hardware	7.1	7.3	7.9	-0.2	-0.8
343	Plumbing & heating exc. electrical	3.3	3.4	3.1	-0.1	0.2
344	Fabricated structural metal products	36.4	35.9	36.9	0.5	-0.5
3441	Fabricated structural metal	9.3	8.9	9.5	0.4	-0.2
3443	Fabricated plate work (boiler shops)	11.1	11.1	11.2	0.0	-0.1
	Other fabricated struct. metal products	16.0	15.9	16.2	0.1	-0.2
345	Screw machine products, bolts, etc.	8.5	8.9	9.2	-0.4	-0.7
346	Metal forgings & stampings	20.1	20.6	21.5	-0.5	-1.4
3462	Iron & steel forgings	6.3	6.5	6.4	-0.2	-0.1
	Other metal forgings & stampings	13.8	14.1	15.1	-0.3	-1.3
347,8	Metal services & ordnance, n.e.c.	7.9	8.1	8.3	-0.2	-0.4
349	Misc. fabricated metal products	23.3	23.7	24.5	-0.4	-1.2
3494	Valves & pipe fittings	11.1	11.1	11.0	0.0	0.1
	Other misc. fabricated metal products	12.2	12.6	13.5	-0.4	-1.3
35	Machinery, exc. electrical	144.4	144.8	144.6	-0.4	-0.2
351	Engines & turbines	7.2	7.2	7.5	0.0	-0.3
352	Farm & garden machinery	5.0	4.9	4.5	0.1	0.5
353	Construction & related machinery	25.0	25.5	26.2	-0.5	-1.2
3531	Construction machinery	9.3	9.3	9.8	0.0	-0.5
3535	Conveyors & conveying equipment	3.1	3.3	3.5	-0.2	-0.4
	Other construction & related machinery	12.6	12.9	12.9	-0.3	-0.3
354	Metal working machinery	24.6	24.6	24.2	0.0	0.4
355	Special industry machinery	13.8	13.8	13.3	0.0	0.5
356	General industrial machinery	29.5	29.5	29.4	0.0	0.1
3561	Pumps & pumping equipment	3.8	3.8	4.0	0.0	-0.2
3562	Ball & roller bearings	4.3	4.3	4.4	0.0	-0.1
3563	Air & gas compressors	5.3	5.2	5.3	0.1	0.0
3567	Industrial furnaces & ovens	3.9	4.0	3.9	-0.1	0.0
	Other general industrial machinery	12.2	12.2	11.8	0.0	0.4

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(cont.)

Industry Detail

(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Jun. 1980	May 1980	Jun. 1979	May 1980	Jun. 1979
357	Office and computing machines	13.1	13.0	12.9	0.1	0.2
358	Refrigeration & service industry machinery	11.3	11.4	11.7	-0.1	-0.4
359	Misc. machinery, exc. electrical	14.9	14.9	14.9	0.0	0.0
36	Electric & electronic equipment	123.7	124.2	128.3	-0.5	-4.6
361	Electric distributing equipment	18.2	18.1	20.3	0.1	-2.1
3612	Transformers	6.1	6.0	6.5	0.1	-0.4
3613	Switchgear & switchboard apparatus	12.1	12.1	13.8	0.0	-1.7
362	Electrical industrial apparatus	23.7	23.8	24.5	-0.1	-0.8
363	Household appliances	4.2	4.4	4.6	-0.2	-0.4
364	Electric lighting & wiring equipment	21.8	22.0	23.0	-0.2	-1.2
3643	Current-carrying wiring devices	11.7	11.5	11.5	0.2	0.2
	Other electric light & wiring equipment	10.1	10.5	11.5	-0.4	-1.4
366	Communication equipment	9.4	9.2	8.9	0.2	0.5
367	Electronic components & accessories	35.9	36.5	36.5	-0.6	-0.6
3674	Semiconductors & related devices	12.4	12.8	11.7	-0.4	0.7
	Other electronic components & accessories	23.5	23.7	24.8	-0.2	-1.3
	Other electrical equipment & supplies	10.5	10.2	10.5	0.3	0.0
37	Transportation equipment	80.8	80.8	88.4	0.0	-7.6
371	Motor vehicles & equipment	26.8	27.0	33.2	-0.2	-6.4
3714	Motor vehicle parts & accessories	11.1	10.7	12.9	0.4	-1.8
	Other motor vehicles & equipment	15.7	16.3	20.3	-0.6	-4.6
372	Aircraft & parts	11.2	10.3	11.7	0.9	-0.5
373	Ship & boat building & repairing	7.5	7.6	7.8	-0.1	-0.3
374	Railroad equipment	22.8	23.6	23.1	-0.8	-0.3
	Other transportation equipment	12.5	12.3	12.6	0.2	-0.1
38	Instruments & related products	42.7	42.8	43.7	-0.1	-1.0
382	Measuring & controlling devices	23.1	23.2	23.9	-0.1	-0.8
384	Medical instruments & supplies	11.6	11.6	12.0	0.0	-0.4
	Other instruments & related products	8.0	8.0	7.8	0.0	0.2
39	Miscellaneous manufacturing industries	24.4	24.6	27.1	-0.2	-2.7
	TOTAL NONDURABLE GOODS	528.7	524.6	543.4	4.1	-14.7
20	Food & kindred products	98.4	97.5	99.6	0.9	-1.2
201	Meat products	16.8	16.7	16.0	0.1	0.8
2011	Meat packing plants	5.2	5.2	5.0	0.0	0.2
2013	Sausages & other prepared meats	5.8	5.8	5.6	0.0	0.2
2016,7	Poultry dressing & processing	5.8	5.7	5.4	0.1	0.4
202	Dairy products	12.5	12.1	12.2	0.4	0.3
2026	Fluid milk	6.9	6.9	7.0	0.0	-0.1
	Other dairy products	5.6	5.2	5.2	0.4	0.4
203	Preserved fruits & vegetables	10.9	11.0	12.4	-0.1	-1.5
2033	Canned fruits & vegetables	4.2	4.4	5.0	-0.2	-0.8
	Other preserved fruits & vegetables	6.7	6.6	7.4	0.1	-0.7
204	Grain mill products	5.1	5.2	4.7	-0.1	0.4
205	Bakery products	19.8	19.9	19.8	-0.1	0.0
2051	Bread, cake & related products	14.8	14.8	15.2	0.0	-0.4
2052	Cookies & crackers	5.0	5.1	4.6	-0.1	0.4
206	Sugar & confectionery products	14.8	14.5	15.5	0.3	-0.7
2065	Confectionery products	5.7	5.8	6.0	-0.1	-0.3
2066	Chocolate & cocoa products	5.9	5.6	6.1	0.3	-0.2
	Other sugar products	3.2	3.1	3.4	0.1	-0.2
208	Beverages	10.0	9.8	10.2	0.2	-0.2
	Other food & kindred products	8.5	8.3	8.8	0.2	-0.3
21	Tobacco manufacturers	3.1	3.1	3.7	0.0	-0.6
22	Textile mill products	46.2	46.4	49.1	-0.2	-2.9
222	Weaving mills, synthetics	4.6	4.6	4.6	0.0	0.0
225	Knitting mills	24.7	24.5	24.6	0.2	0.1
2253	Knit outerwear mills	12.8	12.6	12.6	0.2	0.2
2254	Knit underwear mills	4.9	4.9	5.0	0.0	-0.1
	Other knitting mills	7.0	7.0	7.0	0.0	0.0
227	Floor covering mills	3.1	3.2	4.2	-0.1	-1.1
228	Yarn & thread mills	4.2	4.3	5.2	-0.1	-1.0
	Other textile mill products	9.6	9.8	10.5	-0.2	-0.9

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

(concl.)

Industry Detail

(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Jun. 1980	May 1980	Jun. 1979	May 1980	Jun. 1979
23	Apparel & other textile products	126.0	125.1	132.3	0.9	-6.3
231	Men's & boys' suits & coats	15.5	15.3	15.5	0.2	0.0
232	Men's & boys' furnishings	25.0	25.0	24.8	0.0	0.2
2321	Men's & boys' shirts & nightwear	8.8	8.7	9.2	0.1	-0.4
2327	Men's & boys' separate trousers	6.3	6.3	6.2	0.0	0.1
	Other furnishings and work clothing	9.9	10.0	9.4	-0.1	0.5
233	Women's & misses' outerwear	56.0	55.4	61.0	0.6	-5.0
234	Women's & children's undergarments	9.9	9.9	10.4	0.0	-0.5
236	Children's outerwear	7.4	7.3	7.8	0.1	-0.4
	Other apparel & textile products	12.2	12.2	12.8	0.0	-0.6
26	Paper & allied products	44.1	43.5	45.0	0.6	-0.9
262	Paper mills exc. building paper	12.5	12.3	12.5	0.2	0.0
265	Paper board containers & boxes	14.3	14.1	15.0	0.2	-0.7
2653	Corrugated & solid fiber boxes	7.5	7.5	7.9	0.0	-0.4
	Other paperboard containers	6.8	6.6	7.1	0.2	-0.3
	Other paper & allied products	17.3	17.1	17.5	0.2	-0.2
27	Printing & publishing	74.5	74.0	72.3	0.5	2.2
271	Newspapers	26.5	26.1	25.7	0.4	0.8
273	Books	8.1	8.3	7.8	-0.2	0.3
275	Commercial printing	21.3	21.2	20.7	0.1	0.6
2752	Lithographing	10.8	10.8	10.3	0.0	0.5
	Other commercial printing	10.5	10.4	10.4	0.1	0.1
276	Manifold business forms	3.7	3.7	3.8	0.0	-0.1
	Other printing & publishing	14.9	14.7	14.3	0.2	0.6
28	Chemicals & allied products	62.6	62.5	61.9	0.1	0.7
281	Industrial inorganic chemicals	11.7	11.4	11.1	0.3	0.6
282	Plastic materials & synthetics	8.8	8.8	8.9	0.0	-0.1
283	Drugs	17.9	18.1	17.2	-0.2	0.7
284	Soap, cleaners & toilet goods	3.2	3.2	3.2	0.0	0.0
285	Paints & allied products	4.4	4.4	4.6	0.0	-0.2
	Other chemicals & allied products	16.6	16.6	16.9	0.0	-0.3
29	Petroleum & coal products	17.8	16.8	18.2	1.0	-0.4
291	Petroleum refining	13.7	13.0	13.8	0.7	-0.1
	Other petroleum & coal products	4.1	3.8	4.4	0.3	-0.3
30	Rubber & misc. plastics products	38.4	38.2	42.9	0.2	-4.5
301	Tires & inner tubes	5.3	5.8	8.2	-0.5	-2.9
306	Fabricated rubber products, nec	5.1	5.1	5.4	0.0	-0.3
	Other rubber & plastic products, nec	28.0	27.3	29.3	0.7	-1.3
31	Leather & leather products	17.6	17.5	18.4	0.1	-0.8
314	Footwear, exc. rubber	14.0	13.9	14.3	0.1	-0.3
3143	Men's footwear, exc. athletic	5.4	5.4	5.9	0.0	-0.5
3144	Women's footwear, exc. athletic	4.7	4.7	4.5	0.0	0.2
	Other footwear	3.9	3.8	3.9	0.1	0.0
	Other leather & leather products	3.6	3.6	4.1	0.0	-0.5

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
TOTAL MANUFACTURING INDUSTRIES	$287.98	$288.73	$278.29	38.5	38.6	40.1	$7.48	$7.48	$6.94
TOTAL DURABLE GOODS	324.14	326.19	316.30	39.1	39.3	41.4	8.29	8.30	7.64
Lumber & wood products	216.55	215.60	202.29	38.6	38.5	39.9	5.61	5.60	5.07
Millwork, plywood & structural	211.67	205.86	212.13	37.2	36.5	39.8	5.69	5.64	5.33
Other lumber & wood products	218.74	220.25	197.60	39.2	39.4	40.0	5.58	5.59	4.94
Furniture & fixtures	242.09	241.08	220.81	39.3	39.2	39.5	6.16	6.15	5.59
Household furniture	216.28	213.46	197.90	38.9	38.6	39.5	5.56	5.53	5.01
Office furniture	249.45	251.41	231.72	38.2	38.5	38.3	6.53	6.53	6.05
Other furniture & fixtures	280.17	282.36	254.56	40.9	41.1	40.6	6.85	6.87	6.27
Stone, clay & glass products	311.40	310.90	307.59	40.6	40.8	42.9	7.67	7.62	7.17
Glass & glassware, pressed or blown	256.61	264.18	287.96	35.2	35.7	40.5	7.29	7.40	7.11
Glass containers	233.46	235.29	305.56	30.8	31.0	41.8	7.58	7.59	7.31
Other pressed or blown glass	279.58	294.03	265.78	39.6	40.5	38.8	7.06	7.26	6.85
Hydraulic cement	467.78	428.86	408.46	43.8	41.0	41.3	10.68	10.46	9.89
Structural clay products	252.88	260.55	257.00	38.2	38.6	40.6	6.62	6.75	6.33
Pottery & related products	287.41	287.85	272.39	41.0	41.9	43.1	7.01	6.87	6.32
Concrete, gypsum & plaster prods.	301.81	293.97	302.15	41.4	41.0	45.3	7.29	7.17	6.67
Other stone, clay & glass prods.	370.98	369.84	342.91	45.8	46.0	45.6	8.10	8.04	7.52
Primary metal industries	388.69	392.99	397.00	36.6	36.9	42.1	10.62	10.65	9.43
Blast furnace & basic steel prods.	413.60	419.48	428.33	35.2	35.7	42.2	11.75	11.75	10.15
Blast furnaces & steel mills	418.83	425.72	434.89	34.7	35.3	42.1	12.07	12.06	10.33
Other basic steel products	366.30	357.69	364.97	40.7	40.1	43.5	9.00	8.92	8.39
Iron & steel foundries	30[illegible].94	310.85	303.89	39.2	39.1	40.9	7.83	7.95	7.43
Gray iron foundries	293.53	294.91	293.94	39.4	38.3	40.6	7.45	7.70	7.24
Steel foundries, n.e.c.	309.21	320.66	311.40	38.7	39.2	40.6	7.99	8.18	7.67
Malleable iron & steel invest.	325.94	322.80	309.74	39.7	40.3	41.8	8.21	8.01	7.41
Nonferrous rolling & drawing	318.35	323.20	304.08	40.4	40.4	42.0	7.88	8.00	7.24
Nonferrous foundries	293.57	306.87	278.88	41.7	43.1	42.0	7.04	7.12	6.64
Other primary metal products	342.86	311.45	317.34	43.9	40.5	43.0	7.81	7.69	7.38
Fabricated metal prods., incl. ordn.	300.93	303.96	288.36	39.7	40.1	40.5	7.58	7.58	7.12
Metal cans & shipping containers	350.40	331.50	360.36	40.0	39.0	45.5	8.76	8.50	7.92
Cutlery, hand tools & hardware	253.20	248.62	226.53	40.0	40.1	38.2	6.33	6.20	5.93
Plumbing & heating exc. electrical	285.84	288.64	270.92	39.7	40.2	42.2	7.20	7.18	6.42
Fabricated structural metal prods.	295.80	299.03	275.13	40.3	40.3	40.7	7.34	7.42	6.76
Fabricated struct. metal	283.11	294.05	272.08	35.3	35.3	35.8	8.02	8.33	7.60
Fab. plate work (boiler shops)	304.14	302.73	297.11	41.1	41.3	43.5	7.40	7.33	6.83
Other fab. struct. metal prods.	297.50	299.06	261.66	42.5	42.3	41.6	7.00	7.07	6.29
Screw machine products, bolts,etc.	277.90	297.52	264.11	39.7	40.7	40.2	7.00	7.31	6.57
Metal forgings & stampings	367.88	365.42	357.41	39.9	40.2	40.8	9.22	9.09	8.76
Iron & steel forgings	315.70	309.91	301.81	41.0	40.3	41.4	7.70	7.69	7.29
Other metal forgings & stampings	385.52	384.56	375.96	39.5	40.1	40.6	9.76	9.59	9.26
Metal services & ordnance, n.e.c.	276.90	280.00	251.16	39.5	40.0	38.7	7.01	7.00	6.49
Misc. fabricated metal products	270.34	279.97	272.28	38.4	39.6	40.1	7.04	7.07	6.79
Valves & pipe fittings	269.18	285.19	270.01	37.7	39.5	40.3	7.14	7.22	6.70
Other misc. fab. metal products	271.13	276.31	274.40	38.9	39.7	40.0	6.97	6.96	6.86
Machinery, exc. electrical	331.68	332.86	309.33	41.1	41.4	42.2	8.07	8.04	7.33
Engines & turbines	351.82	356.10	263.71	41.1	41.6	37.3	8.56	8.56	7.07
Farm & garden machinery	421.23	433.73	364.34	45.1	45.8	45.6	9.34	9.47	7.99
Construction & related machinery	320.95	320.95	326.09	38.3	38.3	41.7	8.38	8.38	7.82
Construction machinery	314.35	308.69	346.38	35.4	35.4	42.5	8.88	8.72	8.15
Conveyors & conveying equipment	312.33	310.71	256.24	40.3	40.3	39.3	7.75	7.71	6.52
Other constr. & related mach.	328.05	332.90	317.60	40.5	40.4	41.3	8.10	8.24	7.69
Metal working machinery	325.44	327.55	310.31	39.4	39.8	41.1	8.26	8.23	7.55
Special industry machinery	326.56	317.60	289.34	41.6	41.3	41.1	7.85	7.69	7.04
General industrial machinery	354.22	356.61	323.84	44.5	44.8	44.0	7.96	7.96	7.36
Pumps & pumping equipment	329.23	324.00	304.80	41.0	40.5	42.1	8.03	8.00	7.24
Ball & roller bearings	336.46	335.30	317.34	41.9	41.6	43.0	8.03	8.06	7.38
Air & gas compressors	408.00	424.45	369.89	50.0	51.2	48.1	8.16	8.29	7.69
Industrial furnaces & ovens	305.31	316.80	292.13	38.5	39.6	39.8	7.93	8.00	7.34
Other general industrial mach.	359.20	358.02	322.79	45.7	45.9	44.4	7.86	7.80	7.27
Office and computing machines	367.28	369.46	353.70	41.5	41.7	45.0	8.85	8.86	7.86
Refrigeration & serv. ind. mach.	265.00	272.80	243.41	38.8	40.0	40.1	6.83	6.82	6.07
Misc. machinery, exc. electrical	313.47	312.91	296.70	41.3	41.5	43.0	7.59	7.54	6.90

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(cont.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
Electric & electronic equipment	$277.46	$278.78	$264.31	39.3	39.6	40.6	$7.06	$7.04	$6.51
Electric distributing equipment	334.03	332.32	316.99	40.1	40.5	41.6	8.33	8.23	7.62
Transformers	309.50	309.89	299.88	37.2	38.4	42.0	8.32	8.07	7.14
Switchgear & switchbrd apparatus	346.53	345.70	325.40	41.6	41.6	41.4	8.33	8.31	7.86
Electrical industrial apparatus	279.24	277.22	263.21	39.0	39.1	39.7	7.16	7.09	6.63
Household appliances	265.56	269.72	258.20	39.4	39.9	39.3	6.74	6.76	6.57
Electric lighting & wiring equip.	259.49	268.88	247.86	38.5	39.6	40.7	6.74	6.79	6.09
Current-carrying wiring devices	285.89	292.04	274.52	40.9	41.9	43.3	6.99	6.97	6.34
Other elect lght & wirng equip.	239.00	252.70	231.47	36.6	38.0	39.1	6.53	6.65	5.92
Communication equipment	307.02	313.05	308.59	41.1	41.3	42.1	7.47	7.58	7.33
Electronic components & access.	270.27	270.27	254.81	40.1	40.1	41.5	6.74	6.74	6.14
Semiconductors & related devices	330.88	331.30	324.63	40.4	40.6	43.4	8.19	8.16	7.48
Other electronic comp.& access.	239.80	239.00	224.26	39.9	39.9	40.7	6.01	5.99	5.51
Other electrical equip. & supplies	233.05	231.05	223.05	36.3	36.5	37.3	6.42	6.33	5.98
Transportation equipment	356.80	356.69	334.15	39.6	39.5	41.0	9.01	9.03	8.15
Motor vehicles & equipment	368.63	362.14	373.60	38.6	38.2	42.6	9.55	9.48	8.77
Motor vehicle parts & access.	375.76	365.95	371.94	38.5	38.4	42.9	9.76	9.53	8.67
Other motor vehicles & equip.	363.01	359.66	374.82	38.7	38.1	42.4	9.38	9.44	8.84
Aircraft & parts	338.52	359.48	312.21	39.5	41.8	40.6	8.57	8.60	7.69
Ship & boat building & repairing	377.34	371.97	324.75	40.4	40.3	40.9	9.34	9.23	7.94
Railroad equipment	367.75	367.61	326.19	39.5	38.9	39.3	9.31	9.45	8.30
Other transportation equipment	291.75	294.41	276.48	42.1	42.3	40.9	6.93	6.96	6.76
Instruments & related products	277.90	272.45	262.91	39.7	39.6	41.6	7.00	6.88	6.32
Measuring & controlling devices	312.60	301.26	237.31	42.3	41.9	43.4	7.39	7.19	6.62
Medical instruments & supplies	233.14	234.31	225.40	36.6	36.7	39.2	6.37	6.39	5.75
Other instruments & related prods.	239.44	242.72	244.73	36.5	37.0	39.6	6.56	6.56	6.18
Misc. manufacturing industries	267.04	266.67	258.73	40.4	40.1	40.3	6.61	6.65	6.42
TOTAL NONDURABLE GOODS	234.00	232.74	218.12	37.5	37.6	38.0	6.24	6.19	5.74
Food & kindred products	271.17	273.34	248.58	39.3	39.5	39.9	6.90	6.92	6.23
Meat products	276.46	278.99	267.10	40.3	40.2	42.6	6.86	6.94	6.27
Meat packing plants	313.47	313.73	307.65	38.7	38.4	43.7	8.10	8.17	7.04
Sausages & other prepared meats	297.75	298.57	295.39	36.4	35.8	40.8	8.18	8.34	7.24
Poultry dressing & processing	228.48	233.75	205.20	44.8	45.3	43.2	5.10	5.16	4.75
Dairy products	277.89	297.39	251.88	41.6	43.1	40.3	6.68	6.90	6.25
Fluid milk	284.69	299.44	240.67	41.2	42.9	37.9	6.91	6.98	6.35
Other dairy products	274.03	295.49	259.98	41.9	43.2	42.0	6.54	6.84	6.19
Preserved fruits & vegetables	203.28	198.33	203.24	33.0	33.0	36.1	6.16	6.01	5.63
Canned fruits & vegetables	188.65	181.83	170.94	34.3	34.7	35.1	5.50	5.24	4.87
Other preserved fruits & vegs.	212.82	209.85	225.95	32.1	31.7	36.8	6.63	6.62	6.14
Grain mill products	308.90	285.60	260.90	42.2	40.0	40.2	7.32	7.14	6.49
Bakery products	267.73	271.83	236.19	40.2	41.0	39.3	6.66	6.63	6.01
Bread, cake & related products	263.70	267.07	233.36	39.3	40.1	38.7	6.71	6.66	6.03
Cookies & crackers	276.83	282.26	243.76	42.2	42.9	40.9	6.56	6.58	5.96
Sugar & confectionery products	265.72	273.43	248.06	36.6	37.1	38.4	7.26	7.37	6.46
Confectionery products	217.75	216.02	214.67	34.4	33.7	36.2	6.33	6.41	5.93
Chocolate & cocoa products	297.14	296.77	267.62	39.2	39.1	41.3	7.58	7.59	6.48
Other sugar products	308.65	353.28	281.98	36.7	40.7	37.2	8.41	8.68	7.58
Beverages	365.08	351.29	329.13	42.5	40.8	42.8	8.59	8.61	7.69
Other food & kindred products	247.04	264.39	223.97	41.8	43.7	41.4	5.91	6.05	5.41
Tobacco manufacturers	165.19	165.56	148.55	37.8	37.8	37.8	4.37	4.38	3.93
Textile mill products	190.68	190.02	182.82	38.6	38.7	39.4	4.94	4.91	4.64
Weaving mills, snythetics	224.33	208.83	222.26	43.9	41.6	46.4	5.11	5.02	4.79
Knitting mills	182.98	184.12	168.52	38.2	38.6	37.7	4.79	4.77	4.47
Knit outerwear mills	181.64	181.83	167.32	38.0	38.2	37.6	4.78	4.76	4.45
Knit underwear mills	151.95	156.38	147.91	34.3	35.3	35.9	4.43	4.43	4.12
Other knitting mills	206.91	208.00	186.28	41.3	41.6	39.3	5.01	5.00	4.74
Floor covering mills	231.48	225.45	231.99	36.0	35.9	41.5	6.43	6.28	5.59
Yarn & thread mills	175.58	173.45	164.12	37.2	37.3	38.8	4.72	4.65	4.23
Other textile mill products	192.27	195.16	193.68	38.3	38.8	40.1	5.02	5.03	4.83

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

(concl.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
Apparel & other textile products	$153.73	$150.94	$143.77	32.5	32.6	32.9	$4.73	$4.63	$4.37
Men's & boys' suits & coats	202.58	209.07	184.79	36.5	37.4	34.8	5.55	5.59	5.31
Men's & boys' furnishings	153.65	154.94	149.04	35.0	35.7	36.0	4.39	4.34	4.14
Men's & boys' shirts & nightwear	149.82	150.66	148.10	34.6	35.2	36.3	4.33	4.28	4.08
Men's & boys' separate trousers	173.22	177.80	148.68	33.7	35.0	31.5	5.14	5.08	4.72
Other furnishings & wrk. clothng	144.76	144.57	150.15	36.1	36.6	38.6	5.01	3.95	3.89
Women's & misses' outerwear	144.72	137.51	136.64	29.9	29.7	30.5	4.84	4.63	4.48
Women's & children's undergarments	128.84	125.69	129.80	32.7	31.9	34.8	3.94	3.94	3.73
Children's outerwear	143.70	143.15	131.45	30.0	30.2	32.7	4.79	4.74	4.02
Other apparel & textile products	155.67	153.04	137.76	35.3	35.1	34.1	4.41	4.36	4.04
Paper & allied products	306.75	303.10	296.34	44.2	43.8	44.9	6.94	6.92	6.60
Paper mills exc. building paper	400.63	396.26	369.21	47.3	47.4	46.5	8.47	8.36	7.94
Paper board containers & boxes	276.83	276.19	269.69	39.1	38.9	41.3	7.08	7.10	6.53
Corrugated & solid fiber boxes	272.25	274.88	274.01	37.5	37.5	39.2	7.26	7.33	6.99
Other paperboard containers	282.21	278.24	265.00	40.9	40.5	43.3	6.90	6.87	6.12
Other paper & allied products	279.13	274.48	280.13	46.6	45.9	47.4	5.99	5.98	5.91
Printing & publishing	275.58	277.84	256.68	36.5	36.8	36.0	7.55	7.55	7.13
Newspapers	293.49	291.72	269.25	33.2	33.0	33.2	8.84	8.84	8.11
Books	218.52	221.14	206.51	36.0	36.9	35.3	6.07	6.02	5.85
Commercial printing	292.59	294.91	281.20	37.9	38.5	38.0	7.72	7.66	7.40
Lithographing	275.26	273.41	258.11	36.8	37.3	35.7	7.48	7.33	7.23
Other commercial printing	310.45	316.81	303.11	39.1	39.7	40.2	7.94	7.98	7.54
Manifold business forms	297.65	291.51	273.46	39.9	39.5	38.3	7.46	7.38	7.14
Other printing & publishing	263.71	271.50	236.94	37.3	37.5	35.9	7.07	7.24	6.60
Chemicals & allied products	315.02	316.42	295.95	40.7	41.2	42.4	7.74	7.68	6.98
Industrial inorganic chemicals	349.09	342.70	320.92	43.8	43.6	45.2	7.97	7.86	7.10
Plastic materials & synthetics	326.84	318.40	315.52	40.5	40.0	43.4	8.07	7.96	7.27
Drugs	303.14	308.61	276.19	36.7	38.1	38.9	8.26	8.10	7.10
Soap, cleaners & toilet goods	286.89	281.00	269.28	43.6	42.9	44.0	6.58	6.55	6.12
Paints & allied products	272.19	269.22	267.73	36.1	35.8	40.2	7.54	7.52	6.66
Other chemicals & allied products	313.85	325.16	301.89	42.7	44.0	43.5	7.35	7.39	6.94
Petroleum & coal products	438.10	426.12	379.10	42.7	41.9	42.5	10.26	10.17	8.92
Petroleum refining	462.00	445.05	391.87	42.0	41.4	41.6	11.00	10.75	9.42
Other petroleum & coal products	354.15	350.98	333.79	45.0	43.6	45.6	7.87	8.05	7.32
Rubber & misc. plastics products	233.05	229.51	229.10	39.3	38.9	39.5	5.93	5.90	5.80
Tires & inner tubes	341.82	332.07	334.80	42.2	40.3	43.2	8.10	8.24	7.75
Fabricated rubber products, nec	279.30	271.17	269.33	41.5	40.9	43.3	6.73	6.63	6.22
Other rubber & plastic prods., nec	209.44	204.14	194.94	38.5	38.3	38.0	5.44	5.33	5.13
Leather & leather products	174.78	175.08	159.15	39.1	39.7	39.2	4.47	4.41	4.06
Footwear, exc. rubber	161.88	162.57	146.26	38.0	38.8	37.6	4.26	4.19	3.89
Men's footwear, exc. athletic	183.87	179.52	156.00	40.5	40.8	40.0	4.54	4.40	3.90
Women's footwear, exc. athletic	148.30	154.39	145.88	36.8	38.5	37.5	4.03	4.01	3.89
Other footwear	146.01	147.24	133.86	35.7	36.0	34.5	4.09	4.09	3.88
Other leather & leather products	226.72	223.43	199.33	43.6	43.3	44.1	5.20	5.16	4.52
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	394.84	371.70	355.26	47.4	45.0	44.8	8.33	8.26	7.93
Bituminous coal & lignite mining	338.32	323.39	367.60	30.1	28.9	34.1	11.24	11.19	10.78
Nonmetallic minerals, exc. fuels	348.75	343.93	336.06	45.0	44.9	47.2	7.75	7.66	7.12
Communication	347.20	346.18	325.18	40.0	39.7	40.8	8.68	8.72	7.97
Electric, gas, & sanitary services	423.10	413.53	383.53	45.3	44.9	44.7	9.34	9.21	8.58
Electric services	467.92	442.56	396.57	49.1	48.0	46.6	9.53	9.22	8.51
Gas production & distribution	357.00	351.95	335.05	42.0	41.7	43.4	8.50	8.44	7.72
General merchandise stores	137.00	131.86	126.68	27.4	26.8	27.6	5.00	4.92	4.59
Banking	182.14	180.94	165.47	INA	INA	INA	INA	INA	INA
Insurance carriers	223.21	220.53	203.81	INA	INA	INA	INA	INA	INA
Life insurance	210.32	207.23	188.74	INA	INA	INA	INA	INA	INA
Fire, marine & casualty insurance	219.91	218.42	207.35	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$167.23	40.2	$4.16	$187.17	41.5	$4.51	$139.03	38.3	$3.63	$212.38	41.4	$5.13
1974	180.97	39.6	4.57	203.45	41.1	4.95	146.59	37.3	3.93	239.61	41.1	5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1979	278.10	39.9	6.97	316.83	41.2	7.69	219.06	37.9	5.78	397.16	41.5	9.57
1979 Jun	278.29	40.1	6.94	316.30	41.4	7.64	218.12	38.0	5.74	397.00	42.1	9.43
Jul	277.31	39.9	6.95	313.65	41.0	7.65	221.37	38.3	5.78	397.00	42.1	9.43
Aug	279.49	39.7	7.04	317.79	40.9	7.77	221.92	38.0	5.84	399.75	41.0	9.75
Sep	285.51	40.1	7.12	323.42	41.2	7.85	225.00	38.2	5.89	407.12	41.5	9.81
Oct	284.57	39.8	7.15	323.05	41.1	7.86	224.37	37.9	5.92	397.39	40.8	9.74
Nov	294.19	40.3	7.30	334.88	41.6	8.05	230.78	38.4	6.01	425.60	41.2	10.33
Dec	291.34	39.8	7.32	329.65	40.9	8.06	231.87	38.2	6.07	408.35	39.8	10.26
1980 Jan	285.38	39.2	7.28	322.81	40.2	8.03	227.10	37.6	6.04	386.32	37.8	10.22
Feb	286.26	39.0	7.34	324.80	40.0	8.12	227.10	37.6	6.04	393.02	37.9	10.37
Mar	286.03	38.6	7.41	324.72	39.6	8.20	225.94	37.1	6.09	390.75	37.5	10.42
Apr	288.28	38.8	7.43	326.30	39.6	8.24	230.25	37.5	6.14	395.77	37.8	10.47
May	288.73	38.6	7.48	326.19	39.3	8.30	232.74	37.6	6.19	392.99	36.9	10.65
Jun	287.98	38.5	7.48	324.14	39.1	8.29	234.00	37.5	6.24	388.69	36.6	10.62

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$182.68	41.9	$4.36	$198.77	43.4	$4.58	$167.69	40.8	$4.11	$197.69	41.1	$4.81
1974	196.24	41.4	4.74	209.78	42.9	4.89	175.96	39.9	4.41	215.54	40.9	5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1979	285.93	40.5	7.06	311.33	42.3	7.36	266.64	40.4	6.60	348.60	42.0	8.30
1979 Jun	288.36	40.5	7.12	309.33	42.2	7.33	264.31	40.6	6.51	334.15	41.0	8.15
Jul	282.80	40.0	7.07	303.99	41.7	7.29	259.24	39.7	6.53	334.55	40.7	8.22
Aug	283.60	40.0	7.09	312.28	42.2	7.40	257.90	39.8	6.48	341.04	40.6	8.40
Sep	286.80	40.0	7.17	318.33	42.5	7.49	271.62	40.3	6.74	350.26	41.5	8.44
Oct	292.66	40.2	7.28	321.73	42.5	7.57	273.91	40.4	6.78	355.28	41.7	8.52
Nov	299.30	41.0	7.30	329.84	43.4	7.60	283.73	41.3	6.87	349.76	41.1	8.51
Dec	304.79	41.3	7.38	327.76	42.9	7.64	280.95	40.6	6.92	349.61	40.7	8.59
1980 Jan	296.38	40.6	7.30	329.80	42.5	7.76	281.48	40.5	6.95	353.87	41.1	8.61
Feb	298.56	40.4	7.39	329.33	41.9	7.86	285.31	40.7	7.01	349.74	40.2	8.70
Mar	301.55	40.1	7.52	330.22	41.8	7.90	282.49	39.9	7.08	351.12	39.9	8.80
Apr	295.77	39.7	7.45	331.14	41.6	7.96	286.34	40.5	7.07	358.80	41.0	8.97
May	303.96	40.1	7.58	332.86	41.4	8.04	278.78	39.6	7.04	356.69	39.5	9.03
Jun	300.93	39.7	7.58	331.68	41.1	8.07	277.46	39.3	7.06	356.80	39.6	9.01

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$158.36	40.5	$3.91	$120.43	39.1	$3.08	$ 99.71	33.8	$2.95	$180.81	38.8	$4.66
1974	171.68	40.3	4.26	124.74	37.8	3.30	103.02	32.6	3.16	189.52	38.0	4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1979	251.20	40.0	6.28	178.26	38.5	4.63	143.44	32.6	4.40	263.87	36.7	7.19
1979 Jun	248.58	39.9	6.23	182.82	39.4	4.64	143.77	32.9	4.37	256.68	36.0	7.13
Jul	253.49	40.3	6.29	178.31	38.1	4.68	145.25	33.7	4.31	265.27	37.1	7.15
Aug	256.07	40.2	6.37	180.01	38.3	4.70	142.79	32.6	4.38	266.35	37.2	7.16
Sep	256.14	40.4	6.34	181.93	38.3	4.75	146.17	32.7	4.47	268.93	37.3	7.21
Oct	248.77	39.3	6.33	185.85	38.8	4.79	148.98	32.6	4.57	265.70	36.8	7.22
Nov	261.06	40.6	6.43	188.37	39.0	4.83	149.77	32.7	4.58	276.77	37.3	7.42
Dec	266.18	40.7	6.54	186.73	38.5	4.85	147.23	31.8	4.63	291.39	38.8	7.51
1980 Jan	259.24	39.7	6.53	191.12	38.5	4.99	149.12	32.0	4.66	274.91	37.0	7.43
Feb	260.95	39.3	6.64	185.71	37.9	4.90	152.06	32.7	4.65	271.50	36.2	7.50
Mar	259.62	39.1	6.64	186.25	37.4	4.98	147.23	31.8	4.63	276.33	36.4	7.55
Apr	264.71	39.1	6.77	187.94	38.2	4.92	151.59	32.6	4.65	271.57	36.6	7.42
May	273.34	39.5	6.92	190.02	38.7	4.91	150.94	32.6	4.63	277.84	36.8	7.55
Jun	271.17	39.3	6.90	190.68	38.6	4.94	153.73	32.5	4.73	275.58	36.5	7.55

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1969	$127.52	40.1	$3.18	112.7	109.8	$116.14	$ 11.38
1970	131.71	39.2	3.36	119.1	116.3	113.25	18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col 1 ÷ Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
MANUFACTURING	959.5	966.4	1,012.1	36,923.9	37,335.3	40,561.9	276,224.6	279,339.6	281,525.5
DURABLE GOODS	571.7	582.2	616.7	22,375.7	22,891.2	25,545.4	185,459.7	189,972.5	195,264.8
NONDUR. GOODS	387.8	384.2	395.4	14,548.2	14,444.1	15,016.5	90,764.9	89,367.1	86,260.7

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Group

(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.5	809.3	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,369.2	828.0	21.9	20.2	63.8	199.2	112.5	137.8
1979	1,389.8	853.9	22.5	20.4	65.0	203.2	116.0	142.5
1979 Jun.	1,409.8	866.4	23.2	20.3	67.1	207.1	116.6	144.6
Jul.	1,397.1	861.9	22.9	19.7	67.0	206.8	114.7	142.9
Aug.	1,340.4	852.0	23.1	20.5	66.4	207.1	116.1	141.1
Sep.	1,398.0	861.5	23.0	20.8	65.6	204.7	116.0	143.2
Oct.	1,394.6	860.0	22.8	20.9	65.0	202.5	116.3	144.0
Nov.	1,390.2	857.2	22.2	20.8	64.5	201.9	116.2	142.5
Dec.	1,383.7	853.0	21.7	20.3	64.6	200.7	116.6	143.4
1980 Jan.	1,374.3	846.9	22.3	20.3	62.7	198.7	115.9	146.7
Feb.	1,372.0	845.8	22.7	20.0	62.0	197.3	115.8	146.7
Mar.	1,372.2	846.8	22.7	20.0	62.4	197.4	116.6	146.3
Apr.	1,351.5	836.6	22.4	20.0	61.9	197.3	114.6	146.0
May	1,349.0	824.4	21.9	19.2	60.9	192.5	112.7	144.8
Jun.	1,343.6	814.9	21.4	19.2	61.1	186.0	111.2	144.4

Year and Month	Electric and Electronic Equipment	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.3	37.3	27.8	532.2	98.8	3.6	49.4
1978	123.9	81.8	40.3	26.6	541.2	99.7	4.0	50.6
1979	127.1	87.8	42.9	26.6	536.0	100.1	3.6	48.4
1979 Jun.	128.3	88.4	43.7	27.1	543.4	99.6	3.7	49.1
Jul.	129.1	88.5	43.4	26.9	535.2	99.9	3.6	47.6
Aug.	119.4	87.5	43.4	27.4	538.4	101.7	3.5	48.4
Sep.	128.9	89.4	42.8	27.1	536.5	102.2	3.4	48.2
Oct.	128.4	90.1	42.7	27.3	534.6	102.2	3.3	48.0
Nov.	129.2	90.4	42.8	26.7	533.0	101.4	3.3	48.1
Dec.	128.9	88.1	42.8	25.9	530.7	102.1	3.2	47.5
1980 Jan.	129.2	83.3	43.1	24.7	527.4	99.3	3.3	46.7
Feb.	127.1	86.5	43.0	24.7	526.2	97.7	3.2	47.1
Mar.	126.7	86.8	43.2	24.7	525.4	96.8	3.2	47.4
Apr.	125.1	81.6	42.7	25.0	530.1	97.5	3.2	47.4
May	124.2	80.8	42.8	24.6	524.6	97.5	3.1	46.4
Jun.	123.7	80.8	42.7	24.4	528.7	98.4	3.1	46.2

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)

Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	135.2	61.0	44.4	71.1	59.9	17.3	39.9	19.2
1979	128.8	58.9	44.8	72.1	61.0	17.4	42.0	17.8
1979 Jun.	132.3	61.0	45.0	72.3	61.9	18.2	42.9	18.4
Jul.	127.1	57.9	45.1	72.2	62.0	18.1	42.6	17.0
Aug.	126.6	56.6	46.1	71.8	61.9	18.2	42.4	17.8
Sep.	126.5	57.0	45.4	71.7	61.2	17.9	42.4	17.6
Oct.	125.6	56.9	44.6	72.0	61.2	17.7	42.5	17.5
Nov.	124.6	56.5	44.2	72.8	61.1	17.8	42.3	17.4
Dec.	122.5	54.3	43.8	73.5	61.5	17.1	42.0	17.5
1980 Jan.	123.7	55.9	43.7	73.3	61.0	16.8	41.9	17.7
Feb.	126.0	57.6	43.5	73.4	61.1	15.7	41.1	17.4
Mar.	126.2	57.8	43.7	73.9	62.1	14.7	40.1	17.3
Apr.	126.9	57.6	43.4	74.4	62.3	16.8	40.6	17.6
May	125.1	55.4	43.5	74.0	62.5	16.8	38.2	17.5
Jun.	126.0	56.0	44.1	74.5	62.6	17.8	38.4	17.6

TABLE 12. SELECTED PENNSYLVANIA INDICES

(Not Adjusted)
1967 = 100

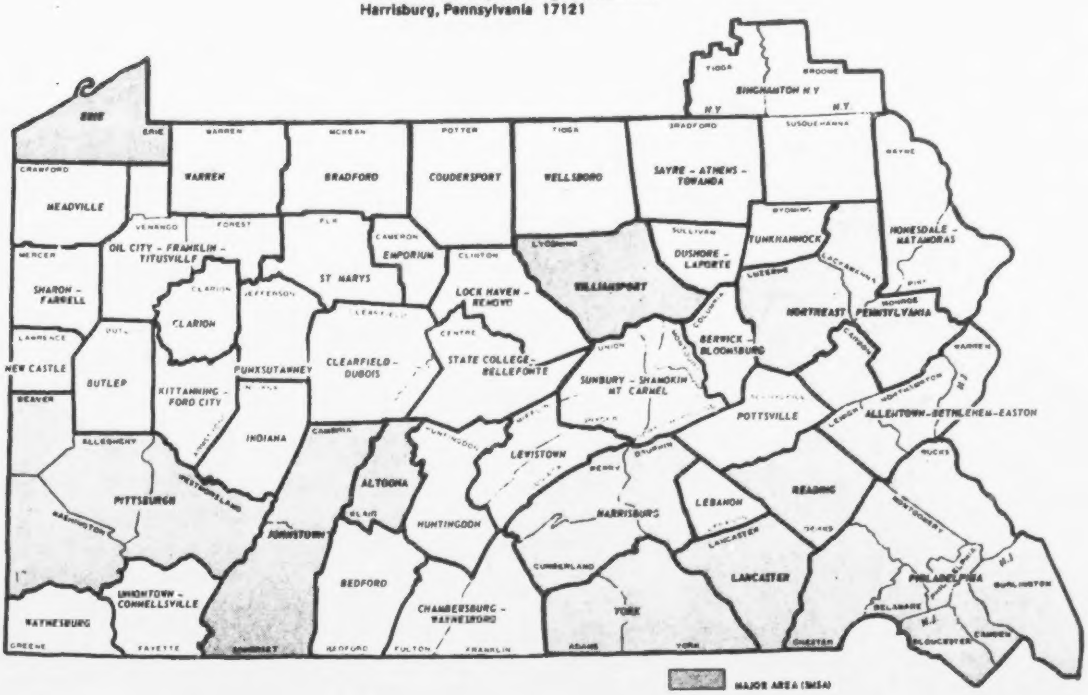
	1980		1979	1978	ANNUAL AVERAGE	
Industry Group	June	May	June	June	1979	1978
EMPLOYMENT						
All Manufacturing	86.3	86.6	90.6	88.7	89.3	87.9
Primary Metals	72.6	75.1	80.8	78.5	79.3	77.7
Apparel	70.2	69.7	73.7	76.6	71.7	75.3
All Nonmanufacturing	133.6	133.5	134.1	131.8	131.8	128.5
Construction	116.5	113.5	120.3	119.1	113.4	109.6
Retail Trade	128.5	129.5	132.5	132.9	130.9	131.0
Services	162.8	163.3	159.6	151.3	157.1	148.1
Government	131.3	130.4	129.7	131.8	127.4	127.8

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to:

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121



ERIE
ERIE
WARREN
WARREN
MCKEAN
BRADFORD
POTTER
COUDERSPORT
TIOGA
WELLSBORO
BRADFORD
SAYRE - ATHENS - TOWANDA
SUSQUEHANNA
TIOGA
BROOME
BINGHAMTON N.Y.
N.Y.
N.Y.
WAYNE
CRAWFORD
MEADVILLE
VENANGO
FOREST
OIL CITY - FRANKLIN - TITUSVILLE
ELK
CAMERON
EMPORIUM
CLINTON
LYCOMING
WILLIAMSPORT
SULLIVAN
DUSHORE - LAPORTE
WYOMING
TUNKHANNOCK
HONESDALE - MATAMORAS
MERCER
SHARON - FARRELL
CLARION
CLARION
JEFFERSON
ST MARYS
LOCK HAVEN - RENOVO
LACKAWANNA
LUZERNE
PIKE
MONROE
NORTHEAST PENNSYLVANIA
COLUMBIA
BERWICK - BLOOMSBURG
CARBON
LAWRENCE
NEW CASTLE
BUTLER
BUTLER
PUNXSUTAWNEY
CLEARFIELD
CLEARFIELD - DUBOIS
CENTRE
STATE COLLEGE - BELLEFONTE
UNION
SUNBURY - SHAMOKIN MT CARMEL
WARREN
N.J.
BEAVER
KITTANNING - FORD CITY
INDIANA
INDIANA
SCHUYLKILL
POTTSVILLE
LEHIGH
NORTHAMPTON
ALLENTOWN - BETHLEHEM - EASTON
ALLEGHENY
CAMBRIA
HUNTINGDON
MIFFLIN
LEWISTOWN
BUCKS
WESTMORELAND
PITTSBURGH
ALTOONA
PERRY
DAUPHIN
READING
WASHINGTON
JOHNSTOWN
BLAIR
HUNTINGDON
HARRISBURG
LEBANON
MONTGOMERY
BERKS
LANCASTER
BEDFORD
CUMBERLAND
LANCASTER
PHILADELPHIA
N.J.
BURLINGTON
UNIONTOWN - CONNELLSVILLE
CHAMBERSBURG - WAYNESBORO
YORK
DELAWARE
N.J.
WAYNESBURG
GLOUCESTER
CAMDEN
GREENE
FAYETTE
SOMERSET
BEDFORD
FULTON
FRANKLIN
ADAMS
YORK
CHESTER
MAJOR AREA (SMSA)

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN – BETHLEHEM – EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

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TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES
MAJOR LABOR MARKET AREAS
(Per 100 Employees)
MAY 1980

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
PENNSYLVANIA	1,349.0	2.8	2.5	3.6	1.4	1.2	2.3	1.2	1.0	1.0
ALLENTOWN-BETHLEHEM-EASTON	110.8	2.6	2.1	3.1	1.4	1.2	2.1	0.8	0.7	0.9
ALTOONA	13.2	2.5	2.1	3.0	0.9	1.5	1.4	1.4	0.6	1.4
ERIE	42.3	2.9	2.2	2.9	1.3	0.9	1.9	1.0	0.8	0.7
HARRISBURG	42.5	2.7	2.5	2.9	1.9	1.4	2.5	0.6	0.8	0.2
JOHNSTOWN	19.2	2.7	3.0	4.3	0.9	0.6	1.1	1.2	1.9	3.1
LANCASTER	58.4	2.6	2.6	3.5	1.6	1.8	3.0	0.9	0.8	0.4
NORTHEAST	73.2	3.1	3.3	4.0	1.7	1.3	2.2	1.2	1.7	1.6
SCRANTON	28.1	2.7	3.2	4.3	1.3	1.2	2.0	1.3	1.9	2.1
WILKES-BARRE-HAZLETON	39.8	4.2	3.8	3.1	2.3	1.6	1.8	1.6	1.9	1.1
PHILADELPHIA	447.7	2.9	2.5	3.5	1.8	1.5	2.5	0.9	0.8	0.8
PITTSBURGH	244.9	2.5	2.0	3.2	0.8	0.8	1.8	1.2	1.0	1.1
READING	51.7	3.0	2.3	3.7	1.7	1.3	2.6	1.1	1.0	1.0
WILLIAMSPORT	15.3	1.9	2.0	3.0	0.8	1.4	2.1	1.0	0.3	0.9
YORK	65.0	2.5	2.5	4.4	1.4	1.8	3.1	1.0	0.6	1.1

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979	May 1980	Apr. 1980	May 1979
PENNSYLVANIA	1,349.0	4.2	3.4	2.8	0.8	0.8	1.2	2.7	2.0	0.9
ALLENTOWN-BETHLEHEM-EASTON	110.8	3.3	3.1	2.5	0.7	0.8	1.1	1.9	1.8	0.8
ALTOONA	13.2	2.1	1.4	2.3	0.5	0.6	0.7	1.4	0.6	1.3
ERIE	42.3	3.3	2.9	2.7	0.8	0.6	1.1	1.8	1.4	0.7
HARRISBURG	42.5	3.2	4.3	2.1	1.0	1.2	1.3	1.5	2.5	0.3
JOHNSTOWN	19.2	3.9	3.2	2.6	0.5	0.5	0.7	2.8	2.1	0.8
LANCASTER	58.4	3.2	3.2	3.1	1.1	1.2	2.3	1.5	1.4	0.3
NORTHEAST	73.2	4.7	3.8	3.8	0.9	0.9	1.4	3.1	2.3	1.9
SCRANTON	28.1	4.1	3.6	3.9	1.0	0.9	1.2	2.6	2.2	2.3
WILKES-BARRE-HAZLETON	39.8	5.0	4.0	2.8	0.9	1.0	1.2	3.3	2.5	1.1
PHILADELPHIA	447.7	3.6	3.2	3.1	1.0	0.9	1.2	1.9	1.6	1.2
PITTSBURGH	244.9	5.1	2.9	1.8	0.4	0.4	0.6	4.0	1.8	0.6
READING	51.7	4.0	3.8	3.8	1.0	0.9	1.5	2.2	2.4	1.5
WILLIAMSPORT	15.3	2.6	2.0	3.9	0.5	0.4	0.9	1.8	1.2	2.4
YORK	65.0	4.0	3.9	4.0	1.1	1.4	2.4	2.4	2.0	1.0

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
PENNSYLVANIA	$287.98	$288.73	$278.29	38.5	38.6	40.1	$7.48	$7.48	$6.94
ALLENTOWN-BETHLEHEM-EASTON	295.64	294.88	273.22	38.0	38.0	38.0	7.78	7.76	7.19
ALTOONA	256.03	258.20	238.20	38.5	39.3	39.7	6.65	6.57	6.00
ERIE	308.51	309.14	279.34	40.7	41.0	41.2	7.58	7.54	6.78
HARRISBURG	279.60	282.20	263.11	40.0	40.2	41.5	6.99	7.12	6.34
JOHNSTOWN	313.90	318.19	295.86	36.5	36.7	39.5	8.60	8.67	7.49
LANCASTER	260.55	260.15	247.45	39.9	39.9	40.9	6.53	6.52	6.05
NORTHEAST	214.76	208.57	197.42	36.9	36.4	36.9	5.82	5.73	5.35
SCRANTON	204.84	201.64	196.57	36.0	35.5	37.3	5.69	5.68	5.27
WILKES-BARRE-HAZLETON	220.88	211.44	198.20	37.5	36.9	36.5	5.89	5.73	5.43
PHILADELPHIA	297.44	297.44	280.30	39.5	39.5	40.1	7.53	7.53	6.99
PITTSBURGH	345.33	353.33	346.90	38.2	38.7	41.2	9.04	9.13	8.42
READING	270.90	271.60	242.69	38.7	38.8	38.4	7.00	7.00	6.32
WILLIAMSPORT	268.13	256.08	239.90	39.2	38.8	39.2	6.84	6.60	6.12
YORK	267.87	266.53	260.18	40.1	40.2	42.1	6.68	6.63	6.18

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT
MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	June 1980		May 1980		June 1979	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	7.8	7.7	7.0	7.8	6.0	5.7
PENNSYLVANIA	8.0	7.7	7.2	8.3	7.2	6.8
ALLENTOWN-BETH-EASTON	INA	INA	INA	INA	6.7	6.8
ALTOONA	8.6	8.5	8.1	9.4	8.7	8.5
ERIE	9.2	8.8	8.8	10.0	7.9	7.5
HARRISBURG	5.9	5.5	5.4	6.3	5.5	5.1
JOHNSTOWN	12.0	12.7	10.8	13.2	8.2	8.8
LANCASTER	6.0	5.5	5.4	6.3	5.1	4.7
NORTHEAST	9.6	9.6	9.0	10.7	8.5	8.5
SCRANTON	8.6	8.5	8.4	10.1	8.7	8.6
W BARRE-HAZLETON	10.4	10.4	9.5	11.4	8.5	8.6
PHILADELPHIA	INA	INA	INA	INA	7.4	6.8
PITTSBURGH	7.7	7.1	6.5	7.8	6.3	5.8
POTTSVILLE	10.2	-	9.9	-	8.0	-
READING	8.3	7.1	7.7	8.4	6.5	5.6
UNIONTOWN-CONNELLSVLE	12.2	-	9.7	-	8.0	-
WILLIAMSPORT	11.9	11.9	13.4	15.9	9.3	9.2
YORK	7.4	6.7	6.3	7.4	5.7	5.3

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
UNITED STATES	106,067.0	104,028.0	104,153.0	97,776.0	96,709.0	97,917.0	8,291.0	7,318.0	6,235.0
PENNSYLVANIA	5,396.0	5,301.0	5,333.0	4,963.0	4,919.0	4,950.0	433.0	382.0	383.0
ALLENTOWN-BETH-EASTON	INA	INA	298.5	INA	INA	278.5	INA	INA	20.1
ALTOONA	61.1	59.6	58.6	55.9	54.8	53.5	5.3	4.8	5.1
ERIE	129.4	126.3	125.9	117.5	115.1	115.9	11.9	11.1	10.0
HARRISBURG	219.6	217.0	219.3	206.6	205.3	207.2	13.1	11.7	12.1
JOHNSTOWN	111.2	109.1	109.8	97.9	97.3	100.8	13.3	11.8	9.1
LANCASTER	179.1	176.7	117.7	168.3	167.2	168.6	10.8	9.5	9.1
NORTHEAST	286.8	283.2	284.3	259.4	257.9	260.1	27.4	25.4	24.2
SCRANTON	104.7	103.8	105.1	95.7	95.1	96.0	9.0	8.7	9.1
W BARRE-HAZLETON	155.4	153.0	152.7	139.2	138.4	139.6	16.1	14.6	13.1
PHILADELPHIA	INA	INA	2,129.1	INA	INA	1,971.2	INA	INA	137.9
PITTSBURGH	1,027.9	1,000.9	1,021.0	949.2	935.7	957.0	78.7	65.1	64.0
POTTSVILLE	66.5	65.4	67.3	59.7	58.9	61.9	6.8	6.5	5.4
READING	154.5	152.1	151.7	141.7	140.4	141.8	12.8	11.8	9.9
UNIONTOWN-CONNELLSVLE	58.6	56.0	57.1	51.5	50.6	52.5	7.1	5.4	4.6
WILLIAMSPORT	52.9	52.4	52.8	46.6	45.4	47.9	6.3	7.0	4.9
YORK	174.0	171.5	172.0	161.2	160.7	162.1	12.8	10.8	9.9

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

1/ STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	1/ Nonagricultural Wage and Salary			Private Sector *		
	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
UNITED STATES	91,090.0	90,988.0	90,914.0	74,541.0	74,315.0	74,834.0
PENNSYLVANIA	4,837.8	4,839.5	4,921.5	4,086.2	4,094.8	4,175.5
ALLENTOWN-BETHLEHEM-EASTON	266.8	265.8	266.0	236.7	235.8	235.7
ALTOONA	55.5	54.8	53.9	46.4	46.3	46.0
ERIE	118.0	116.6	118.2	102.5	102.0	103.7
HARRISBURG	217.4	217.5	221.8	162.6	161.6	165.6
JOHNSTOWN	88.8	89.0	93.1	72.8	74.1	77.1
LANCASTER	152.5	152.4	155.7	137.7	136.8	140.7
NORTHEAST	245.1	245.0	249.5	205.2	204.0	210.3
SCRANTON	87.1	87.0	87.1	75.3	75.1	75.7
WILKES-BARRE-HAZLETON	126.7	127.4	132.6	106.1	106.5	112.1
PHILADELPHIA	1,952.4	1,949.6	1,950.4	1,643.7	1,638.9	1,643.4
PITTSBURGH	958.9	950.2	981.8	819.9	818.4	848.5
POTTSVILLE	48.0	47.7	50.5	39.1	39.1	41.9
READING	138.6	138.1	140.7	120.8	120.2	123.9
UNIONTOWN-CONNELLSVILLE	35.5	35.0	38.6	27.8	27.7	31.5
WILLIAMSPORT	46.9	45.7	49.0	40.4	39.2	42.3
YORK	155.2	155.8	158.6	135.9	136.0	139.5

Area	Manufacturing			Nonmanufacturing		
	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
UNITED STATES	20,156.0	20,251.0	21,331.0	70,934.0	70,737.0	69,583.0
PENNSYLVANIA	1,343.6	1,349.0	1,409.8	3,487.5	3,485.4	3,501.5
ALLENTOWN-BETHLEHEM-EASTON	110.6	110.8	111.3	156.1	154.9	154.3
ALTOONA	13.4	13.2	13.2	41.7	41.4	40.6
ERIE	42.4	42.3	44.9	75.4	74.2	72.4
HARRISBURG	42.6	42.5	43.9	174.7	174.9	177.6
JOHNSTOWN	18.8	19.2	21.0	68.9	69.8	72.1
LANCASTER	58.7	58.4	61.4	93.8	94.0	94.2
NORTHEAST	72.6	73.2	75.0	172.1	171.5	174.5
SCRANTON	28.0	28.1	28.1	59.1	58.9	59.0
WILKES-BARRE-HAZLETON	39.3	39.8	42.1	87.1	87.3	90.5
PHILADELPHIA	447.2	447.7	460.1	1,504.3	1,500.3	1,488.7
PITTSBURGH	243.3	244.9	260.9	713.8	704.0	717.8
POTTSVILLE	19.4	19.6	21.6	28.6	28.1	28.9
READING	51.7	51.7	54.7	86.8	86.3	85.3
UNIONTOWN-CONNELLSVILLE	6.9	7.1	8.4	28.5	27.9	30.2
WILLIAMSPORT	16.5	15.3	18.5	30.4	30.4	30.5
YORK	64.2	65.0	66.9	90.9	90.5	91.5

* Excludes Government employment

TABLE 17. LABOR TURNOVER RATES IN PENNSYLVANIA
NONDURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	Nondurable Goods						Food & Kindred					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.2	2.7		4.9	2.1	2.1	5.2	3.3		5.8	2.6	2.5
1975	4.1	1.8		4.4	1.3	2.5	4.6	2.3		4.9	1.5	2.7
1976	3.9	2.2	1.4	4.1	1.4	2.0	4.6	2.3	2.0	4.9	1.4	2.8
1977	3.9	2.3	1.4	3.9	1.5	1.8	4.9	2.4	2.2	5.0	1.6	2.8
1978	3.6	2.4	1.0	3.6	1.7	1.3	4.1	2.5	1.4	4.3	1.8	1.9
1979	3.8	2.4	1.2	3.8	1.7	1.5	4.3	4.1	1.4	4.4	1.9	1.8
May	4.1	2.7	1.1	3.7	1.7	1.4	5.0	3.4	1.3	4.7	1.9	2.1
Jun.	4.3	3.0	1.0	3.6	1.7	1.3	5.1	3.6	1.2	4.4	2.0	1.7
Jul.	4.0	2.2	1.6	4.3	1.6	2.1	5.8	3.0	2.6	4.3	1.9	1.8
Aug.	4.2	2.7	1.2	5.0	2.9	1.4	5.4	3.5	1.4	4.6	3.1	0.8
Sep.	4.0	2.7	1.0	4.4	2.3	1.5	5.0	3.4	1.4	5.0	2.5	1.8
Oct.	3.7	2.5	1.0	3.8	1.7	1.5	4.2	2.9	1.1	4.8	2.0	1.9
Nov.	3.0	1.9	1.0	3.6	1.3	1.7	3.5	2.2	1.1	4.2	1.7	1.7
Dec.	2.4	1.2	1.0	3.3	0.9	1.9	3.1	1.6	1.3	3.8	1.2	1.9
1980												
Jan.	3.8	2.0	1.6	3.7	1.3	1.7	2.6	1.4	1.1	4.4	1.4	2.4
Feb.	3.4	1.9	1.3	3.3	1.3	1.4	3.0	1.6	1.3	3.6	1.2	1.7
Mar.	3.3	2.0	1.2	3.4	1.3	1.5	3.1	1.7	1.2	3.5	1.1	1.9
Apr.	3.2	1.7	1.3	3.7	1.2	1.9	3.3	1.6	1.7	4.0	1.1	2.3
May	3.4	2.1	1.1	3.6	1.2	1.8	4.4	2.6	1.6	4.1	1.2	2.2

Year & Month	Textiles						Apparel					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.5	3.6		5.5	3.1	1.7	5.2	2.5		6.6	2.1	3.8
1975	4.5	2.3		5.1	1.6	2.8	5.6	2.3		5.6	1.5	3.5
1976	4.5	3.0	1.2	4.8	2.2	1.9	4.8	2.5	2.0	5.5	1.7	2.9
1977	4.3	3.0	1.1	4.6	2.2	1.8	5.1	2.6	2.2	5.1	1.8	2.6
1978	4.5	3.5	0.8	4.2	2.6	0.9	4.3	2.7	1.3	4.6	2.0	1.8
1979	3.9	2.8	0.9	4.4	2.5	1.2	5.0	2.5	2.2	5.3	1.9	2.6
May	4.1	3.3	0.6	4.0	2.6	0.9	4.9	2.5	2.0	5.2	1.9	2.6
Jun.	4.3	3.6	0.5	4.0	2.5	0.8	4.7	2.5	1.8	5.1	2.0	2.2
Jul.	4.8	2.6	2.0	6.5	2.3	3.4	4.8	2.1	2.4	6.7	1.9	3.9
Aug.	4.4	3.4	0.9	6.2	3.7	0.4	5.3	2.6	2.4	6.5	2.8	2.7
Sep.	3.9	3.0	0.7	4.9	3.1	1.3	5.3	2.8	2.0	5.5	2.3	2.5
Oct.	4.4	3.1	1.1	4.1	2.3	1.2	5.1	2.7	2.2	5.1	1.9	2.6
Nov.	2.9	1.9	0.8	3.8	1.9	1.4	3.6	1.7	1.7	5.5	1.4	3.6
Dec.	1.9	1.3	0.4	3.3	1.2	1.5	3.1	1.0	1.8	5.3	0.9	3.8
1980												
Jan.	3.9	2.8	1.0	3.9	1.9	1.3	6.8	2.9	3.6	4.7	1.7	2.3
Feb.	4.3	2.8	1.4	3.5	2.1	0.8	5.5	2.6	2.6	4.2	1.6	1.8
Mar.	3.9	2.6	1.1	3.5	1.9	1.0	4.4	2.4	1.7	4.5	1.8	1.9
Apr.	3.3	2.4	0.8	4.8	1.7	2.5	4.3	2.0	2.0	4.4	1.5	2.3
May	3.3	2.3	0.8	3.6	1.5	1.5	4.2	2.3	1.7	5.2	1.5	2.9

Year & Month	Paper & Allied Products						Printing & Publishing					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.7	2.0		3.5	1.6	1.3	2.4	1.9		2.6	1.4	0.7
1975	3.4	1.0		3.7	0.7	2.5	2.0	1.1		2.5	0.8	1.3
1976	2.5	1.5	0.9	2.4	0.8	1.1	2.3	1.5	0.6	2.3	0.9	0.9
1977	2.6	1.5	0.9	2.7	0.9	1.3	2.2	1.5	0.6	2.1	1.0	0.7
1978	2.7	1.7	0.8	2.6	1.1	0.9	2.5	1.8	0.6	2.4	1.2	0.8
1979	3.0	2.0	0.9	3.0	1.3	1.0	2.7	2.0	0.6	2.4	1.3	0.7
May	3.8	2.6	0.9	2.5	1.2	0.8	2.7	2.2	0.5	2.4	1.3	0.7
Jun.	4.1	3.2	0.7	2.0	1.1	0.5	3.3	2.6	0.6	2.4	1.3	0.8
Jul.	4.3	2.6	1.6	3.6	1.2	1.7	2.4	1.7	0.6	2.1	1.2	0.6
Aug.	3.6	2.6	0.9	4.5	2.7	0.8	2.5	1.9	0.1	3.2	2.2	0.4
Sep.	3.2	2.8	0.2	4.4	2.7	1.0	2.8	2.3	0.4	2.7	1.8	0.6
Oct.	2.8	2.2	0.5	2.9	1.2	1.0	3.0	2.5	0.4	2.2	1.3	0.5
Nov.	2.4	1.6	0.7	2.8	1.1	1.0	2.4	1.8	0.5	2.2	1.1	0.8
Dec.	1.6	0.9	0.6	2.6	0.7	1.5	2.5	1.5	0.9	1.7	0.8	0.5
1980												
Jan.	2.4	1.1	1.1	2.8	0.8	1.3	2.7	1.9	0.8	2.4	1.0	0.9
Feb.	2.5	1.5	0.8	2.8	0.8	1.4	2.1	1.5	0.7	2.4	1.2	0.8
Mar.	2.9	1.6	1.2	4.0	1.0	1.8	2.9	1.8	1.0	2.1	0.9	0.6
Apr.	2.6	0.9	1.6	3.2	0.8	1.8	2.5	1.7	0.7	2.5	1.2	1.0
May	2.8	1.3	1.1	2.8	0.8	1.5	2.4	1.6	0.7	2.1	1.0	0.6

Year & Month	Chemicals						Petroleum & Coal Products					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.2	1.6		2.3	1.0	0.7	1.4	1.1		1.4	0.6	0.3
1975	2.2	0.9		2.4	0.5	1.4	1.1	0.8		1.1	0.3	0.3
1976	2.1	1.2	0.7	1.9	0.6	0.8	1.5	1.0	0.2	1.6	0.4	0.3
1977	2.0	1.3	0.6	2.0	0.7	0.6	1.4	1.1	0.1	1.5	0.5	0.3
1978	2.0	1.4	0.5	1.8	0.7	0.5	1.4	1.1	0.2	1.5	0.5	0.4
1979	1.9	1.4	0.4	1.7	0.8	0.4	1.6	1.2	0.2	1.4	0.6	0.4
May	2.2	1.7	0.4	1.3	0.6	0.3	2.4	1.6	0.4	1.0	0.4	0.2
Jun.	3.0	2.4	0.4	1.5	0.7	0.4	2.8	2.6	0.1	1.2	0.2	0.3
Jul.	1.6	1.2	0.3	1.4	0.7	0.4	2.7	2.3	0.2	1.1	0.4	0.2
Aug.	1.9	1.6	0.3	2.8	1.9	0.4	1.4	0.9	0.1	3.6	2.5	0.4
Sep.	2.0	1.5	0.3	2.5	1.2	0.8	1.7	1.4	0.2	1.8	1.1	0.1
Oct.	1.9	1.4	0.4	1.7	0.7	0.6	1.1	0.9	0.1	1.4	0.3	0.5
Nov.	1.4	0.9	0.4	1.2	0.6	0.3	0.9	0.8	0.1	1.5	0.4	0.7
Dec.	1.3	0.9	0.2	1.2	0.4	0.5	0.7	0.6	N	1.5	0.3	1.1
1980												
Jan.	1.7	1.1	0.4	1.9	0.6	0.6	1.2	0.9	0.1	1.1	0.4	0.2
Feb.	1.8	1.3	0.3	1.6	0.6	0.2	0.8	0.5	0.2	1.2	0.3	0.1
Mar.	1.6	1.2	0.4	1.4	0.5	0.5	1.3	0.9	0.3	0.8	0.3	0.1
Apr.	1.3	0.9	0.3	1.3	0.4	0.5	1.6	0.9	0.7	1.5	0.4	0.9
May	1.9	1.2	0.5	1.9	0.5	0.8	2.9	1.9	0.9	2.0	0.4	1.2

Year & Month	Rubber & Plastics						Leather Goods					
	Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.4	3.0		5.2	2.3	1.8	7.1	5.6		8.6	5.1	2.6
1975	3.7	1.1		4.9	0.9	3.1	6.8	5.1		7.0	3.5	2.6
1976	4.1	2.2	1.6	3.7	1.3	1.5	6.4	4.7	1.4	7.2	3.9	2.4
1977	3.5	2.3	1.0	3.6	1.4	1.3	6.6	4.9	1.3	6.8	4.1	1.8
1978	3.3	2.2	0.8	3.2	1.5	1.0	7.0	5.0	1.5	8.0	4.8	2.4
1979	3.6	2.4	0.9	3.5	1.6	1.1	6.7	4.8	1.3	7.7	4.5	2.4
May	4.8	3.2	1.2	3.2	1.5	0.8	7.9	5.8	1.5	8.2	5.4	1.4
Jun.	4.5	3.4	0.7	2.9	1.2	1.0	7.8	5.7	1.5	7.3	4.5	2.1
Jul.	3.1	2.0	0.8	3.2	1.4	1.0	5.5	4.0	1.0	9.9	4.5	4.9
Aug.	3.9	2.8	0.7	5.6	3.3	1.3	10.4	6.5	3.7	10.8	6.7	3.4
Sep.	3.5	2.4	0.6	4.4	2.3	1.2	6.2	4.6	1.1	8.0	6.0	1.3
Oct.	3.1	2.1	0.7	3.5	1.3	1.1	5.6	4.9	0.4	7.0	4.5	1.7
Nov.	2.5	1.3	0.9	2.8	1.0	1.2	4.5	3.6	0.6	6.7	3.2	3.0
Dec.	1.8	1.0	0.7	3.0	0.6	1.7	4.3	2.2	1.8	5.6	2.4	2.3
1980												
Jan.	3.2	1.7	1.2	4.0	1.2	2.1	7.0	5.0	1.7	6.1	3.6	1.8
Feb.	2.4	1.4	0.7	4.5	0.9	2.6	5.1	3.9	1.1	6.5	3.3	2.6
Mar.	2.6	1.2	0.9	4.1	1.0	2.3	7.0	5.5	1.4	7.0	3.8	2.6
Apr.	2.4	0.9	1.1	5.2	0.8	3.3	8.8	4.9	1.5	6.6	3.8	1.9
May	2.6	1.4	0.9	4.2	0.8	2.7	5.3	4.7	0.4	5.2	3.7	0.7

N = Negligible

TABLE 18. LABOR TURNOVER RATES IN PENNSYLVANIA
DURABLE INDUSTRIES
(Per 100 Employees)

Year & Month	All Manufacturing						Durable Goods						Furniture & Fixtures						Stone, Clay & Glass					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	3.4	2.2		3.9	1.6	1.6	2.9	1.9		3.2	1.2	1.3	5.0	3.5		7.0	2.9	3.0	3.6	2.0		4.6	1.4	2.5
1975	3.3	1.4		3.9	0.8	2.3	2.8	0.9		3.7	0.6	2.5	5.8	2.0		6.1	1.2	4.1	3.9	1.0		4.6	0.7	3.3
1976	3.3	1.5	1.5	3.5	0.9	1.9	2.9	1.0	1.6	3.1	0.6	1.8	5.1	2.8	2.0	5.2	1.8	2.5	3.7	1.3	2.3	3.5	0.7	2.2
1977	3.4	1.7	1.5	3.5	1.0	1.8	3.1	1.3	1.6	3.2	0.7	1.8	6.4	3.8	2.4	5.6	2.1	2.5	3.9	1.4	2.4	3.6	0.8	2.2
1978	3.0	1.8	0.9	2.9	1.2	1.1	2.6	1.5	0.9	2.4	0.8	0.9	4.8	4.0	0.6	4.7	2.7	1.0	2.7	1.6	1.0	2.8	0.9	1.2
1979	3.0	1.8	0.9	3.1	1.2	1.3	2.6	1.5	0.8	2.7	0.9	1.1	4.9	3.4	1.3	5.4	2.2	2.0	2.8	1.3	1.3	2.9	0.8	1.5
May	3.6	2.3	1.0	2.8	1.2	0.9	3.2	2.0	0.9	2.2	0.9	0.6	7.8	4.3	3.3	6.9	2.2	3.2	3.8	2.3	1.3	1.9	0.8	0.6
Jun.	3.6	2.6	0.7	2.8	1.2	1.0	3.1	2.3	0.6	2.3	0.9	0.8	6.5	3.8	2.4	4.6	2.4	0.8	3.6	2.6	0.7	2.3	0.8	1.0
Jul.	3.2	1.8	1.1	3.3	1.1	1.6	2.7	1.6	0.9	2.7	0.8	1.2	6.6	3.5	3.0	7.5	2.0	4.5	2.7	1.7	0.9	2.4	0.8	1.1
Aug.	3.5	2.2	1.0	4.2	2.3	1.2	3.0	1.8	0.9	3.7	1.8	1.1	6.9	5.2	1.6	6.8	4.4	0.7	2.9	1.7	1.1	4.1	2.1	1.4
Sep.	3.1	2.1	0.7	3.5	1.6	1.2	2.5	1.6	0.6	3.0	1.2	1.0	5.3	4.9	0.3	6.0	3.1	1.4	2.7	1.3	1.3	3.0	1.3	1.1
Oct.	2.9	1.9	0.8	3.1	1.1	1.3	2.4	1.5	0.7	2.7	0.8	1.2	3.8	3.1	0.5	3.9	2.0	0.9	1.7	1.0	0.5	3.1	0.7	1.9
Nov.	2.3	1.3	0.8	3.0	0.8	1.6	1.8	0.9	0.6	2.7	0.6	1.6	2.8	2.1	0.6	4.4	1.4	2.2	2.0	0.7	1.1	2.2	0.5	1.3
Dec.	1.9	0.9	0.9	3.1	0.6	2.0	1.6	0.7	0.8	3.0	0.4	2.0	2.5	1.4	1.0	3.6	1.1	1.8	1.4	0.4	0.9	3.9	0.3	3.2
1980																								
Jan.	3.2	1.5	1.4	3.3	0.9	1.7	2.8	1.2	1.3	3.1	0.6	1.8	3.5	1.9	1.5	5.3	1.3	3.2	2.5	0.6	1.8	3.9	0.5	2.8
Feb.	2.8	1.4	1.2	3.0	0.9	1.4	2.4	1.1	1.1	2.8	0.6	1.4	3.9	2.0	1.8	[illegible]	1.3	1.6	2.4	0.6	1.8	3.0	0.5	2.0
Mar.	2.7	1.4	1.0	3.0	0.9	1.4	2.3	1.1	0.9	2.7	0.6	1.4	4.0	2.5	1.4	3.6	1.6	1.4	2.5	0.9	1.5	2.4	0.5	1.5
Apr.	2.5	1.2	1.0	3.4	0.8	2.0	2.0	1.0	0.8	3.2	0.6	2.0	2.9	2.1	0.7	3.9	1.7	1.6	2.3	0.8	1.4	3.7	0.5	2.6
May	2.8	1.4	1.2	4.2	0.8	2.7	2.5	1.0	1.2	4.5	0.5	3.3	2.8	2.1	0.6	4.5	1.2	1.9	3.2	0.9	2.0	3.6	0.4	2.6

Year & Month	Primary Metals						Fabricated Metals						Machinery except Electrical						Electric & Electronic Equipment					
	Accessions			Separations			Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	2.3	1.5		2.3	0.9	0.8	3.7	2.4		4.1	1.4	1.8	2.6	2.1		2.3	1.2	0.4	2.2	1.4		2.9	1.1	1.1
1975	3.0	0.5		4.3	0.3	3.3	2.8	1.1		3.8	0.6	2.5	1.7	0.9		2.7	0.6	1.5	1.6	0.4		2.8	0.4	1.8
1976	3.3	0.6	2.4	3.3	0.4	2.2	2.7	1.1	1.5	3.5	0.6	2.2	2.4	0.9	1.4	2.8	0.6	1.7	2.1	1.0	0.7	2.2	0.6	0.9
1977	2.9	0.8	1.8	3.2	0.4	2.0	3.3	1.3	1.8	3.4	0.7	2.1	3.2	1.0	2.0	3.5	0.6	2.3	2.5	1.2	0.8	2.6	0.7	1.2
1978	2.5	1.1	1.2	2.4	0.5	1.1	3.1	1.6	1.2	3.0	0.9	1.3	2.1	1.4	0.5	1.6	0.7	0.4	2.3	1.3	0.7	2.3	0.8	0.8
1979	2.2	1.2	0.8	2.4	0.6	1.0	3.2	1.9	1.1	3.2	1.0	1.5	1.8	1.4	0.3	1.6	0.8	0.4	2.4	1.4	0.6	2.4	0.9	0.8
May	3.3	1.8	1.1	1.6	0.5	0.4	3.8	2.4	1.1	2.5	1.1	0.7	1.9	1.6	0.2	1.5	0.8	0.2	2.9	1.8	0.6	2.4	1.0	0.6
Jun.	2.6	2.0	0.3	1.4	0.5	0.2	3.7	2.5	1.0	3.6	1.0	1.7	2.4	2.1	0.2	1.9	0.9	0.5	2.9	2.1	0.5	1.7	0.8	0.3
Jul.	2.2	1.4	0.6	2.3	0.5	0.8	3.3	1.9	1.1	3.3	0.9	1.7	2.0	1.3	0.5	1.9	0.7	0.7	2.9	1.6	1.0	2.8	0.8	1.5
Aug.	2.0	1.2	0.5	3.4	1.7	0.8	4.7	2.4	1.9	4.6	2.0	1.9	2.3	1.5	0.6	2.3	1.3	0.4	3.0	2.1	0.5	3.9	2.0	1.0
Sep.	1.7	1.0	0.5	3.4	1.0	1.6	3.3	2.3	0.7	3.0	1.2	1.1	1.8	1.5	0.2	2.0	0.9	0.5	2.4	1.5	0.4	2.3	1.2	0.4
Oct.	2.1	0.9	0.9	2.8	0.5	1.6	3.2	2.1	1.1	3.1	0.9	1.4	1.7	1.4	0.2	1.5	0.7	0.4	1.9	1.2	0.3	2.2	0.7	0.8
Nov.	1.7	0.7	0.9	2.3	0.3	1.4	2.4	1.4	0.9	2.7	0.6	1.5	1.4	1.1	0.2	1.3	0.6	0.4	1.5	0.9	0.2	1.9	0.5	0.8
Dec.	1.9	0.4	1.2	3.7	0.3	2.9	2.0	0.9	0.9	3.9	0.5	2.8	1.2	0.8	0.2	1.1	0.4	0.3	1.5	0.7	0.5	1.8	0.5	0.8
1980																								
Jan.	2.5	0.7	1.5	2.8	0.3	1.6	4.2	1.4	2.5	4.4	0.6	3.0	1.9	1.5	0.3	1.7	0.7	0.5	2.4	1.3	0.6	2.5	0.7	0.9
Feb.	2.3	0.6	1.4	2.4	0.4	1.2	3.0	1.2	1.4	3.2	0.6	1.9	1.7	1.3	0.4	1.7	0.7	0.6	1.8	1.0	0.4	3.0	0.7	1.4
Mar.	2.1	0.7	1.1	2.2	0.3	1.1	2.8	1.1	1.4	3.4	0.7	2.1	1.7	1.3	0.3	1.9	0.7	0.5	2.2	1.2	0.5	3.0	0.7	1.2
Apr.	1.9	0.5	1.1	2.9	0.3	2.0	2.3	1.1	1.1	4.9	0.7	3.6	1.3	1.0	0.2	1.6	0.6	0.5	2.0	1.1	0.5	2.8	0.6	1.4
May	2.1	0.5	1.2	6.0	0.3	5.1	3.0	1.1	1.7	5.8	0.6	4.5	1.6	1.2	0.3	2.1	0.6	1.0	2.4	0.9	0.9	3.4	0.5	2.0

Year & Month	Transportation Equipment						Instruments & Related						Miscellaneous Manufacturing					
	Accessions			Separations			Accessions			Separations			Accessions			Separations		
	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO	Tot.	NH	Rec.	Tot.	Q	LO
1974	4.2	2.2		4.2	1.1	2.0	2.9	2.4		2.8	1.4	0.7	3.8	2.6		4.8	1.8	2.3
1975	3.5	1.3		3.9	0.6	2.2	1.9	1.1		2.2	0.6	1.0	3.2	1.0		3.3	0.7	2.1
1976	3.2	1.1	1.6	3.5	0.5	2.0	2.1	1.4	0.5	1.8	0.7	0.6	2.6	1.5	0.9	2.7	0.8	1.2
1977	3.0	1.6	1.1	2.8	0.6	1.4	2.1	1.6	0.3	1.7	0.8	0.4	2.7	1.5	1.1	2.7	0.8	1.3
1978	3.0	1.5	1.0	2.5	0.7	1.0	2.0	1.6	0.2	1.7	0.9	0.3	2.9	1.9	0.9	2.9	1.0	1.2
1979	2.8	1.4	0.9	3.3	0.7	1.6	2.0	1.5	0.3	1.9	0.9	0.4	3.6	2.2	1.2	3.8	1.4	1.7
May	3.1	1.5	1.2	2.5	0.6	0.9	2.7	1.9	0.6	2.0	0.9	0.5	3.5	2.3	1.0	2.2	1.1	0.3
Jun.	2.7	1.7	0.6	3.8	0.6	1.9	2.9	2.3	0.4	2.0	1.0	0.4	6.0	4.4	1.4	2.4	1.4	0.5
Jul.	3.2	1.4	1.2	3.0	0.6	1.4	1.5	1.2	0.1	2.1	0.8	0.8	3.3	1.5	1.7	4.1	1.4	2.2
Aug.	3.1	1.4	1.2	3.4	1.1	1.4	7.9	1.2	0.5	2.6	1.5	0.3	4.8	3.4	1.3	6.2	3.7	1.9
Sep.	3.1	1.7	1.0	3.1	1.0	1.2	1.5	1.2	0.2	3.0	1.1	1.0	4.0	3.2	0.6	3.8	2.0	1.0
Oct.	3.3	2.0	0.7	3.4	0.9	1.3	1.4	1.2	0.1	1.6	0.8	0.4	4.0	2.4	1.5	3.2	1.8	0.5
Nov.	2.2	0.7	1.1	6.2	0.6	4.7	1.5	1.0	0.4	1.4	0.6	0.4	1.6	1.1	0.4	6.6	1.5	4.5
Dec.	1.7	0.4	0.9	3.0	0.3	2.2	1.1	0.7	0.3	1.0	0.5	0.1	1.2	0.6	0.6	5.4	0.7	4.4
1980																		
Jan.	2.9	1.4	1.2	3.4	0.5	1.8	1.7	1.2	0.4	2.1	0.6	0.7	2.3	1.3	0.9	4.7	1.2	2.7
Feb.	2.8	1.3	1.1	3.4	0.6	1.7	1.8	1.3	0.3	1.9	0.7	0.7	3.3	1.5	1.6	3.0	1.0	1.4
Mar.	2.1	0.8	0.8	3.9	0.4	2.4	1.8	1.5	0.1	2.1	0.6	1.0	2.6	1.5	1.0	2.3	0.7	1.1
Apr.	1.9	0.6	0.9	5.0	0.4	3.8	1.4	1.1	0.2	1.7	0.5	0.7	3.8	2.8	0.7	4.9	1.0	3.1
May	3.2	0.7	2.0	5.2	0.3	4.0	1.9	1.3	0.3	2.4	0.7	1.2	2.0	1.1	0.8	4.6	1.1	3.2

N = Negligible

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

AUGUST 1980

Vol. XXV No. 8

JOB
SERVICE

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[illegible]

- EXPLANATORY -

INDUSTRY EMPLOYMENT

Employment data, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives."

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing to:
PENNSYLVANIA BUREAU OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING-ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 - 787-3129

Issued: August 1980 Reference: Mid-July

PENNSYLVANIA EMPLOYMENT & EARNINGS
JULY 1980

Total unemployment in Pennsylvania, both adjusted and unadjusted for seasonal influences, surged upward in July.

Seasonally adjusted, Pennsylvania's volume of unemployment, in contrast to the normal June to July change, leaped by 101,000 to 510,000 in July. This estimate marked the highest volume of unemployment since the 1958 recession when unemployment surpassed 550,000. The unemployment rate jumped 1.8 percentage points from June to 9.5 percent in July. This was the highest rate of unemployment recorded since 1961 when the rate exceeded 10.0 percent. Both levels were well in excess of one year ago. In July 1979, unemployment was 348,000 and the rate, 6.5 percent.

The unadjusted rate of unemployment jumped to 9.3 percent in July from the June rate of 8.0 percent. The volume of unemployment swelled by 69,000 to 502,000 in July. One year ago, unadjusted unemployment stood at 340,000 which represented 6.3 percent of the labor force.

Nationwide, both the adjusted and unadjusted rates of unemployment increased a slight 0.1 percentage points from June to July. The adjusted rate of unemployment was 7.8, the unadjusted rate was 7.9.

FACTORY JOBS OFF IN BOTH DURABLES AND NONDURABLES

Total nonagricultural wage and salary employment declined sharply by 94,800 workers between June and July. This was far in excess of the normal month to month movement, underlining the economy's continued deterioration. Both the manufacturing and nonmanufacturing sectors experienced substantial losses. The manufacturing and nonmanufacturing sectors experienced substantial losses. The manufacturing payroll was cut by 34,900 and nonmanufacturing, 59,900.

Losses in both durables and nondurables pushed factory employment down for the fourth consecutive month.

The contraction of durable goods employment by 17,100 workers was an aggregate of downturns in all sectors. Principal contributors to the decline were NONELECTRICAL MACHINERY, particularly its engines and turbines segment (attributable to labor-management disputes), PRIMARY METALS, principally its basic steel and iron and steel foundry subdivisions, and TRANSPORTATION EQUIPMENT, notably its motor vehicle and equipment and railroad equipment industries. Lesser setbacks were experienced by FABRICATED METALS suffering from a labor-management dispute in its metal forging and stamping sector and ELECTRICAL MACHINERY experiencing weaknesses in the industrial apparatus segment. The remaining industries combined for a minimal loss.

Nondurable goods reversed the May to June upswing and lost 17,800 jobs. Hardest hit on the minus side were APPAREL, notably its women's and misses' outerwear sector and TEXTILE MILL PRODUCTS, particularly its knitting mill subdivision. Labor-management disputes in the paperboard container segment keyed cuts in PAPER AND ALLIED PRODUCTS. FOOD AND KINDRED on the strength of payroll additions in the meat products and preserved fruit and vegetables industries recorded the only upward movement.

Over the year, manufacturing employment plunged, with cutbacks of 64,600 jobs in the durable goods industries and 25,200 in nondurables.

AVERAGE WORKWEEK CONTINUES DOWN

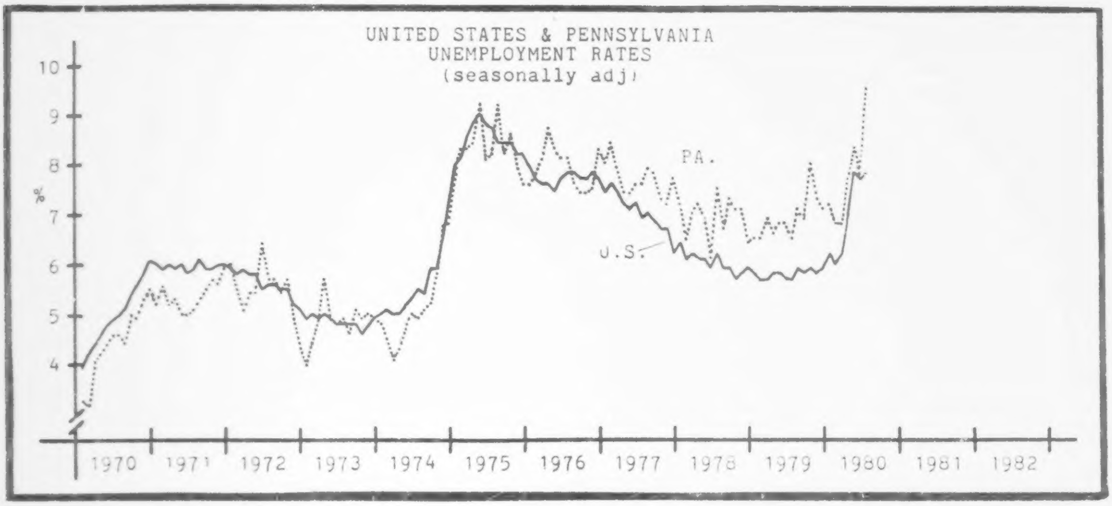
Led by the weakening durable goods industries, the average factory workweek declined for the fourth consecutive month to 38.2 hours in July. The 0.3 hour drop from June made July's weekly manhours the lowest since the 38.2 hours registered in January 1977. Nondurable industries workweek expanded by 0.1 hours, a product, primarily, of increased activity in TOBACCO PRODUCTS and PETROLEUM AND COAL PRODUCTS.

Manufacturing average hourly earnings increased by 5 cents to $7.53 in July. Significant gains in ELECTRICAL MACHINERY, TRANSPORTATION EQUIPMENT and PETROLEUM AND COAL PRODUCTS offset losses in PRIMARY METALS, TEXTILE MILL, APPAREL and TOBACCO PRODUCTS. Hourly earnings rose 58 cents from one year ago but failed to match the rise in inflation. Nationwide, the average hourly earning for July was $7.28, for a 38.9 hour workweek. The length of the workweek was down from the 39.4 hours registered in June.

NONMANUFACTURING JOBS OFF SUBSTANTIALLY

The fact that Pennsylvania's economy is mired in a recession was reflected in the July cutback of 59,900 nonmanufacturing jobs. The drop far outpaced the usual June to July decline. Most notable employment reductions were recorded in LOCAL GOVERNMENT, WHOLESALE and RETAIL TRADE and SERVICES, particularly educational services, as seasonal factors were prominent. Increases, but to a lesser extent than is normal, were posted in the FINANCE, INSURANCE AND REAL ESTATE and CONTRACT CONSTRUCTION sectors. CONTRACT CONSTRUCTION added jobs for the fifth consecutive month but remained well below the industry's usual seasonal levels.

Nonmanufacturing employment when compared with July 1979 showed a deficit of 34,200 jobs. Gains in FINANCE, INSURANCE AND REAL ESTATE, SERVICES and GOVERNMENT were outweighed by losses in the remaining segments.



EMPLOYMENT DATA IN THIS PUBLICATION HAVE BEEN REVISED TO FIRST QUARTER 1979 BENCHMARKS, AND ARE THEREFORE, NOT STRICTLY COMPARABLE WITH FIGURES PUBLISHED PRIOR TO JANUARY 1978. DATA ARE BASED ON INDUSTRY CLASSIFICATION IN ACCORDANCE WITH THE REVISED 1972 STANDARD INDUSTRIAL CLASSIFICATION MANUAL.

On all tables data for most recent month are preliminary and subject to revision

ADDITIONAL NOTATION ON PAGE 13

Table 1. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1962	4,474.2	4,110.5	363.7	8.1		70,614.0	66,702.0	3,911.0	5.5	
1963	4,422.9	4,090.0	332.9	7.5		71,833.0	67,762.0	4,070.0	5.7	
1964	4,430.9	4,155.2	275.7	6.2		73,091.0	69,305.0	3,786.0	5.2	
1965	4,469.3	4,263.4	205.9	4.6		74,455.0	71,088.0	3,366.0	4.5	
1966	4,558.3	4,395.0	163.3	3.6		75,770.0	72,895.0	2,875.0	3.8	
1967	4,637.0	4,467.0	170.0	3.7		77,347.0	74,372.0	2,975.0	3.8	
1968	4,634.0	4,475.0	159.0	3.4		78,737.0	75,920.0	2,817.0	3.6	
1969	4,720.0	4,566.0	154.0	3.3		80,734.0	77,902.0	2,832.0	3.5	
1970	4,828.0	4,610.0	218.0	4.5		82,715.0	78,627.0	4,088.0	4.9	
1971	4,801.0	4,542.0	260.0	5.4		84,113.0	79,120.0	4,993.0	5.9	
1972	4,870.0	4,607.0	264.0	5.4		86,542.0	81,702.0	4,840.0	5.6	
1973	4,988.0	4,747.0	241.0	4.8		88,714.0	84,409.0	4,304.0	4.9	
1974	5,036.0	4,778.0	258.0	5.1		91,011.0	85,935.0	5,076.0	5.6	
1975	5,068.0	4,646.0	421.0	8.3		92,613.0	84,783.0	7,830.0	8.5	
1976	5,094.0	4,690.0	404.0	7.9		94,773.0	87,485.0	7,288.0	7.7	
1977	5,165.0	4,767.0	398.0	7.7		97,401.0	90,546.0	6,855.0	7.0	
1978	5,255.0	4,891.0	364.0	6.9		100,420.0	94,373.0	6,047.0	6.0	
1979	5,296.0	4,930.0	366.0	6.9		102,908.0	96,945.0	5,963.0	5.8	
1979 Jul	5,387.0	5,047.0	340.0	6.3	6.5	104,995.0	98,891.0	6,104.0	5.8	5.7
Aug	5,339.0	4,967.0	372.0	7.0	7.1	104,363.0	98,226.0	6,137.0	5.5	5.9
Sep	5,290.0	4,933.0	356.0	6.7	6.9	103,373.0	97,576.0	5,798.0	5.6	5.8
Oct	5,348.0	4,923.0	425.0	7.9	8.0	103,939.0	98,158.0	5,781.0	5.6	5.9
Nov	5,359.0	4,990.0	368.0	6.9	7.3	103,719.0	97,943.0	5,776.0	5.6	5.8
Dec	5,331.0	4,978.0	354.0	6.6	7.1	103,884.0	98,047.0	5,836.0	5.6	5.9
1980 Jan	5,332.0	4,918.0	414.0	7.8	7.2	103,188.0	96,145.0	7.043.0	6.8	6.2
Feb	5,363.0	4,944.0	419.0	7.8	6.8	103,257.0	96,264.0	6,993.0	6.8	6.0
Mar	5,357.0	4,941.0	415.0	7.8	6.8	103,351.0	96,546.0	6,805.0	6.6	6.2
Apr	5,321.0	4,933.0	388.0	7.3	7.7	103,412.0	96,566.0	6.846.0	6.6	7.0
May	5,301.0	4,919.0	382.0	7.2	8.3	104,028.0	96,709.0	7,318.0	7.0	7.8
Jun	5,396.0	4,963.0	433.0	8.0	7.7	106,067.0	97,776.0	8,291.0	7.8	7.7
Jul	5,417.0	4,915.0	502.0	9.3	9.5	106,997.0	98,587.0	8,410.0	7.9	7.8

TABLE 2. TOTAL CIVILIAN LABOR FORCE, UNEMPLOYMENT AND EMPLOYMENT IN PENNSYLVANIA

RESIDENT DATA	Total – All Persons (In thousands)			Net Change From--	
	Jul. 1980	Jun. 1980	Jul. 1979	Jun. 1980	Jul. 1979
TOTAL CIVILIAN LABOR FORCE	5,417.0	5,396.0	5,387.0	21.0	30.0
TOTAL UNEMPLOYMENT (UNADJUSTED)	502.0	433.0	340.0	69.0	162.0
% CIVILIAN LABOR FORCE	9.3	8.0	6.3	1.3	3.0
TOTAL UNEMPLOYMENT (SEASONALLY ADJUSTED)	510.0	409.0	348.0	101.0	162.0
% CIVILIAN LABOR FORCE	9.5	7.7	6.5	1.8	3.0
TOTAL EMPLOYMENT	4,915.0	4,963.0	5,047.0	-48.0	-132.0

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

ESTABLISHMENT DATA	Total – All Jobs (Thousands)			Net Change From--	
	Jul. 1980	Jun. 1980	Jul. 1979	Jun. 1980	Jul. 1979
TOTAL NONAG. WAGE & SALARY EMPLOYMENT #	4,737.7	4,829.8	4,860.4	-92.1	-122.7
LABOR-MANAGEMENT DISPUTES	9.1	6.4	7.8	2.7	1.3
ALL MANUFACTURING INDUSTRIES	1,307.3	1,342.2	1,397.1	-34.9	-89.8
TOTAL NONMANUFACTURING INDUSTRIES	3,421.3	3,481.2	3,455.5	-59.9	-34.2
Mining	48.3	48.7	52.3	-0.4	-4.0
Anthracite	3.1	3.2	3.1	-0.1	0.0
Bituminous	35.9	36.2	40.0	-0.3	-4.1
Nonmetallic minerals	5.0	5.0	5.2	0.0	-0.2
Contract Construction	213.9	213.5	226.8	0.4	-12.9
General building	56.2	56.1	65.7	0.1	-9.5
Heavy construction	34.8	35.0	39.0	-0.2	-4.2
Special trades	122.9	122.4	122.1	0.5	0.8
Transportation	152.9	161.0	166.3	-8.1	-13.4
Railroads	43.0	43.0	45.5	0.0	-2.5
Public Utilities	101.8	101.3	105.0	0.5	-3.2
Communications	54.6	54.5	54.6	0.1	0.0
Electric, gas & sanitary service	47.2	46.8	50.4	0.4	-3.2
Electric systems	21.6	21.4	23.7	0.2	-2.1
Gas production	10.8	10.8	11.9	0.0	-1.1
Wholesale trade	237.1	239.5	241.1	-2.4	-4.0
Retail trade	726.7	739.3	746.7	-12.6	-20.0
General merchandise stores	113.3	115.3	120.7	-2.0	-7.4
Department stores	98.7	100.8	106.0	-2.1	-7.3
Finance, insurance & real estate	243.7	243.2	239.5	0.5	4.2
Banking	80.8	80.4	78.6	0.4	2.2
Commercial & stock savings	74.2	73.9	72.5	0.3	1.7
Credit agencies & securities	30.3	30.1	29.8	0.2	0.5
Insurance	71.2	71.1	69.8	0.1	1.4
Life insurance	26.5	26.5	26.6	0.0	-0.1
Fire, marine & casualty	30.0	29.9	28.9	0.1	1.1
Services	984.5	997.0	968.0	-12.5	16.5
Business services	128.8	130.5	123.9	-1.7	4.9
Health services	313.1	311.9	305.8	1.2	7.3
Nursing & personal care	51.3	51.6	50.1	-0.3	1.2
Hospitals	193.6	192.4	186.7	1.2	6.9
Educational service	115.2	131.2	115.4	-16.0	-0.2
Miscellaneous services	46.7	46.1	45.0	0.6	1.7
Engineering & architectural	29.7	29.4	28.7	0.3	1.0
Government	712.4	737.7	709.8	-25.3	2.6
Federal	140.8	142.6	133.5	-1.8	7.3
State & local	571.6	595.1	576.3	-23.5	4.7

TABLE 3. TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA BY MAJOR INDUSTRY DIVISIONS

(Thousands)

Year and Month	Total Nonagr. Wage & Salary	Private Sector Wage & Salary	All Manufacturing	Total Non-Manufacturing	Mining	Contract Construction	Trade		
							Total	Wholesale	Retail
1968	4,263.5	3,675.3	1,570.0	2,693.4	38.0	190.2	779.0	197.5	581.5
1969	4,374.9	3,765.6	1,588.9	2,786.1	38.6	198.5	806.3	201.7	604.7
1970	4,351.6	3,732.9	1,528.8	2,822.8	39.5	192.0	816.5	203.2	613.3
1971	4,291.3	3,662.2	1,438.1	2,853.3	38.0	189.0	828.8	203.3	625.5
1972	4,400.0	3,748.1	1,444.0	2,956.0	40.2	203.1	855.3	206.8	648.5
1973	4,506.5	3,847.7	1,480.1	3,026.4	39.7	205.9	886.5	212.5	674.0
1974	4,514.6	3,832.6	1,464.5	3,050.1	42.1	200.6	879.0	213.4	665.6
1975	4,435.8	3,714.4	1,334.8	3,101.0	46.1	184.5	886.8	216.1	670.8
1976	4,512.8	3,790.7	1,335.2	3,177.5	48.3	180.3	919.3	220.7	698.6
1977	4,565.0	3,853.8	1,341.5	3,223.5	48.0	183.9	939.0	221.7	717.2
1978	4,724.6	3,999.7	1,369.2	3,355.4	46.8	199.0	983.7	230.8	752.9
1979	4,830.6	4,107.9	1,389.8	3,440.8	52.0	205.8	990.0	238.1	751.9
1979 Jul.	4,852.6	4,142.8	1,397.1	3,455.5	52.3	226.8	987.8	241.1	746.7
Aug.	4,845.7	4,137.7	1,390.4	3.455.3	51.9	227.1	986.6	240.6	746.0
Sep.	4,855.9	4,157.7	1,398.0	3,[illegible]7.9	52.5	225.6	989.5	237.5	752.0
Oct.	4,896.8	4,182.8	1,394.6	3,502.2	51.4	225.1	1,002.7	240.0	762.7
Nov.	4,911.1	4,184.4	1,390.2	3,520.9	51.9	220.0	1,017.4	240.8	776.6
Dec.	4,892.9	4,164.7	1,383.7	3,509.2	51.1	209.7	1,023.3	240.6	782.7
1980 Jan.	4,789.0	4,072.5	1,374.3	3,414.7	50.7	190.5	988.8	240.3	748.5
Feb.	4,763.9	4,045.9	1,372.0	3,391.9	50.2	179.1	969.5	240.3	729.2
Mar.	4,783.1	4,054.0	1,372.2	3,410.9	49.6	180.7	971.5	240.2	731.3
Apr.	4,816.6	4,088.4	1,366.7	3,449.9	50.5	196.0	977.0	240.0	737.0
May	4,834.4	4,094.8	1,349.0	3,485.4	48.8	206.0	982.5	238.3	744.2
Jun.	4,823.4	4,085.7	1,342.2	3,481.2	48.7	213.5	978.8	239.5	739.3
Jul.	4,728.6	4,016.2	1,307.3	3,421.3	48.3	213.9	963.8	237.1	726.7

Year and Month	Transportation	Public Utilities	Finance, Insurance & Real Estate	Services and Miscellaneous			Government		
				Total	Hospitals	Other Services	Total	Federal	State & Local
1968	INA	INA	177.7	651.8	INA	INA	588.1	147.5	440.7
1969	INA	INA	183.1	682.6	INA	INA	609.4	146.5	462.8
1970	INA	INA	189.9	698.8	INA	INA	618.7	145.4	473.3
1971	INA	INA	193.7	709.9	INA	INA	629.2	138.5	490.7
1972	161.3	104.7	200.5	739.0	148.2	590.8	651.4	137.6	513.8
1973	161.6	105.5	206.5	762.1	151.9	610.2	658.2	136.4	521.8
1974	161.1	104.4	207.3	773.6	154.9	618.7	681.5	136.6	544.9
1975	154.0	102.5	207.3	798.5	159.8	638.7	720.9	134.4	586.5
1976	155.4	101.1	211.4	839.7	165.5	674.2	721.6	131.8	589.8
1977	160.7	100.7	217.5	862.4	171.1	691.3	711.2	128.1	583.0
1978	165.7	101.5	226.6	907.2	177.9	729.3	724.9	129.5	595.4
1979	169.5	103.5	235.4	961.8	184.6	777.2	722.7	131.6	591.2
1979 Jul.	166.3	105.0	239.5	968.0	186.7	781.3	709.8	133.5	576.3
Aug.	166.1	105.0	239.4	971.2	186.0	785.2	708.0	132.6	575.4
Sep.	170.9	104.0	236.9	980.3	185.6	794.7	698.2	131.4	566.8
Oct.	172.3	103.9	237.1	995.7	185.9	809.8	714.0	131.1	582.9
Nov.	171.3	104.0	237.7	991.9	186.4	805.5	726.7	132.1	594.6
Dec.	168.5	104.0	237.9	986.5	186.2	800.3	728.2	132.8	595.4
1980 Jan.	163.3	103.8	237.7	963.4	186.8	776.6	716.5	131.9	584.6
Feb.	162.1	103.9	238.0	971.1	187.4	783.7	718.0	131.7	586.3
Mar.	162.6	104.0	238.9	974.5	188.0	786.5	729.1	131.8	597.3
Apr.	164.4	104.1	238.9	990.8	188.5	802.3	728.2	132.1	596.1
May	163.4	104.1	241.1	999.9	189.1	810.8	739.6	145.5	594.1
Jun.	161.0	101.3	243.2	997.0	192.4	804.6	737.7	142.6	595.1
Jul.	152.9	101.8	243.7	984.5	193.6	790.9	712.4	140.8	571.6

TABLE 4. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRY GROUPS

(Per 100 Employees)

JUNE 1980

Industry	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Jun.	May	Jun.	Jun.	May	Jun.	Jun.	May	Jun.
All Manufacturing	1,342.2	3.3	2.8	3.6	1.5	1.4	2.6	1.4	1.1	0.7
Durable Goods	814.4	3.0	2.4	3.1	1.0	1.0	2.3	1.6	1.1	0.6
Furniture & Fixtures	19.2	3.3	2.7	6.5	2.2	2.0	3.8	1.0	0.6	2.4
Stone, Clay & Glass Products	60.5	3.4	3.1	3.6	0.8	1.0	2.6	1.9	1.9	0.7
Primary Metal Industries	186.0	2.7	2.1	2.6	0.4	0.6	2.0	2.0	1.1	0.3
Fabricated Metal Products	111.1	4.7	3.0	3.7	1.2	1.1	2.5	3.3	1.7	1.0
Machinery, exc. Electrical	144.8	1.8	1.6	2.4	1.3	1.2	2.1	0.3	0.3	0.2
Electric & Electronic Equip.	123.4	2.2	2.3	2.9	1.2	1.0	2.1	0.5	0.8	0.5
Transportation Equipment	80.9	3.9	2.5	2.7	1.1	0.7	1.7	2.3	1.4	0.6
Instruments & Related Products	42.8	1.9	1.8	2.9	1.4	1.3	2.3	0.3	0.2	0.4
Miscellaneous Manufacturing	24.1	4.8	1.8	6.0	1.8	1.0	4.4	2.8	0.7	1.4
Nondurable Goods	527.8	3.7	3.4	4.3	2.2	2.1	3.0	1.1	1.1	1.0
Food & Kindred Products	98.5	4.9	4.3	5.1	2.7	2.6	3.6	1.8	1.6	1.2
Textile Mill Products	46.2	3.0	3.3	4.3	2.2	2.4	3.6	0.7	0.8	0.5
Apparel & Related Products	125.0	4.1	4.2	4.7	2.3	2.4	2.5	1.6	1.6	1.8
Paper & Allied Products	44.3	3.2	2.8	4.1	1.5	1.3	3.2	0.8	1.1	0.7
Printing & Publishing	74.4	2.5	2.6	3.3	1.9	1.6	2.6	0.6	0.8	0.6
Chemicals & Allied Products	62.5	2.6	2.0	3.0	1.8	1.3	2.4	0.7	0.6	0.4
Petroleum & Coal Products	17.6	4.1	2.8	2.8	2.5	1.8	2.6	1.5	0.9	0.1
Rubber & Plastics Products	38.6	3.4	2.5	4.5	1.7	1.3	3.4	1.0	0.9	0.7
Leather & Leather Products	17.6	5.2	5.8	7.8	4.6	4.7	5.7	0.5	0.9	1.5

Industry	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
All Manufacturing	1,342.2	3.8	4.1	2.8	0.7	0.8	1.2	2.5	2.7	1.0
Durable Goods	814.4	4.0	4.4	2.3	0.5	0.5	0.9	2.9	3.3	0.8
Furniture & Fixtures	19.2	4.1	5.3	4.6	1.0	1.3	2.4	2.4	2.7	0.8
Stone, Clay & Glass Products	60.5	3.3	3.9	2.3	0.5	0.5	0.8	2.3	2.9	1.0
Primary Metal Industries	186.0	6.2	5.8	1.4	0.2	0.3	0.5	5.4	4.9	0.2
Fabricated Metal Products	111.1	5.8	5.4	3.5	0.5	0.6	1.0	4.6	4.1	1.7
Machinery, exc. Electrical	144.8	1.8	2.1	1.9	0.5	0.6	0.9	0.9	1.0	0.5
Electric & Electronic Equip.	123.4	3.4	3.3	1.7	0.5	0.5	0.8	2.1	2.1	0.3
Transportation Equipment	80.9	3.0	5.3	3.8	0.3	0.3	0.6	1.8	4.3	1.9
Instruments & Related Products	42.8	1.9	2.2	2.0	0.6	0.7	1.0	0.5	1.0	0.4
Miscellaneous Manufacturing	24.1	3.0	4.6	2.4	1.0	0.9	1.4	1.3	3.3	0.5
Nondurable Goods	527.8	3.5	3.7	3.6	1.1	1.2	1.7	1.7	1.9	1.3
Food & Kindred Products	98.5	3.1	4.0	4.4	1.0	1.2	2.0	1.4	2.2	1.7
Textile Mill Products	46.2	3.7	3.7	4.0	1.6	1.6	2.5	1.5	1.4	0.8
Apparel & Related Products	125.0	4.4	5.4	5.1	1.4	1.5	2.0	2.2	3.0	2.2
Paper & Allied Products	44.3	3.2	2.8	2.0	0.5	0.9	1.1	2.2	1.5	0.5
Printing & Publishing	74.4	2.8	2.2	2.4	1.0	1.0	1.3	1.3	0.8	0.8
Chemicals & Allied Products	62.5	2.1	1.9	1.5	0.5	0.5	0.7	1.1	0.8	0.4
Petroleum & Coal Products	17.6	1.8	1.8	1.2	0.4	0.4	0.5	0.9	1.1	0.3
Rubber & Plastics Products	38.6	5.5	4.1	2.9	0.7	0.8	1.2	3.5	2.6	1.0
Leather & Leather Products	17.6	4.2	5.1	7.3	3.0	3.6	4.5	0.3	0.8	2.1

N = Negligible

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Detail

(Thousands)

SIC	Industry	Total – All Employees			Net Change From –	
		Jul. 1980	Jun. 1980	Jul. 1979	Jun. 1980	Jul. 1979
	TOTAL MANUFACTURING INDUSTRIES	1,307.3	1,342.2	1,397.1	-34.9	-89.8
	TOTAL DURABLE GOODS	797.3	814.4	861.9	-17.1	-64.6
24	Lumber & wood products	21.0	21.6	22.9	-0.6	-1.9
243	Millwork, plywood & structural	6.8	6.8	7.2	0.0	-0.4
	Other lumber & wood products	14.2	14.8	15.7	-0.6	-1.5
25	Furniture & fixtures	18.6	19.2	19.7	-0.6	-1.1
251	Household furniture	8.3	8.9	9.1	-0.6	-0.8
252	Office furniture	4.6	4.5	4.8	0.1	-0.2
	Other furniture & fixtures	5.7	5.8	5.8	-0.1	-0.1
32	Stone, clay & glass products	59.8	60.5	67.0	-0.7	-7.2
322	Glass & glassware, pressed or blown	15.2	15.5	17.4	-0.3	-2.2
3221	Glass containers	7.8	8.0	9.5	-0.2	-1.7
3229	Other pressed or blown glass	7.4	7.5	7.9	-0.1	-0.5
324	Hydraulic cement	3.1	3.1	3.7	0.0	-0.6
325	Structural clay products	6.1	6.2	6.9	-0.1	-0.8
326	Pottery & related products	4.8	4.8	5.3	0.0	-0.5
327	Concrete, gypsum & plaster products	8.5	8.6	9.4	-0.1	-0.9
	Other stone, clay & glass products	22.1	22.3	24.3	-0.2	-2.2
33	Primary metal industries	182.8	186.0	206.8	-3.2	-24.0
331	Blast furnace & basic steel products	137.3	139.4	154.9	-2.1	-17.6
3312	Blast furnaces & steel mills	125.7	127.1	141.9	-1.4	-16.2
	Other basic steel products	11.6	12.3	13.0	-0.7	-1.4
332	Iron & steel foundries	18.6	19.3	20.5	-0.7	-1.9
3321	Gray iron foundries	7.0	7.4	8.1	-0.4	-1.1
3325	Steel foundries, n.e.c.	7.3	7.5	7.3	-0.2	0.0
3322,4	Malleable iron & steel invest.	4.3	4.4	5.1	-0.1	-0.8
335	Nonferrous rolling & drawing	11.6	11.9	13.3	-0.3	-1.7
336	Nonferrous foundries	7.3	7.3	7.6	0.0	-0.3
	Other primary metal products	8.0	8.1	10.5	-0.1	-2.5
34	Fabricated metal products, (incl. ordnance)	108.6	111.1	114.7	-2.5	-6.1
341	Metal cans & shipping containers	4.7	4.6	5.1	0.1	-0.4
342	Cutlery, hand tools & hardware	6.7	7.1	7.5	-0.4	-0.8
343	Plumbing & heating exc. electrical	3.3	3.4	3.0	-0.1	0.3
344	Fabricated structural metal products	36.1	36.6	36.5	-0.5	-0.4
3441	Fabricated structural metal	9.3	9.3	9.6	0.0	-0.3
3443	Fabricated plate work (boiler shops)	11.1	11.4	11.0	-0.3	0.1
	Other fabricated struct. metal products	15.7	15.9	15.9	-0.2	-0.2
345	Screw machine products, bolts, etc.	8.2	8.4	9.3	-0.2	-1.1
346	Metal forgings & stampings	19.2	20.0	20.3	-0.8	-1.1
3462	Iron & steel forgings	5.9	6.2	6.4	-0.3	-0.5
	Other metal forgings & stampings	13.3	13.8	13.9	-0.5	-0.6
347,8	Metal services & ordnance, n.e.c.	7.7	7.6	8.4	0.1	-0.7
349	Misc. fabricated metal products	22.7	23.4	24.6	-0.7	-1.9
3494	Valves & pipe fittings	10.8	11.1	10.9	-0.3	-0.1
	Other misc. fabricated metal products	11.9	12.3	13.7	-0.4	-1.8
35	Machinery, exc. electrical	141.2	144.8	142.9	-3.6	-1.7
351	Engines & turbines	6.1	7.2	7.4	-1.1	-1.3
352	Farm & garden machinery	4.9	4.9	4.5	0.0	0.4
353	Construction & related machinery	24.5	25.2	25.9	-0.7	-1.4
3531	Construction machinery	9.0	9.3	9.6	-0.3	-0.6
3535	Conveyors & conveying equipment	3.0	3.2	3.5	-0.2	-0.5
	Other construction & related machinery	12.5	12.7	12.8	-0.2	-0.3
354	Metal working machinery	24.3	24.6	23.6	-0.3	0.7
355	Special industry machinery	13.1	13.8	13.2	-0.7	-0.1
356	General industrial machinery	29.1	29.6	29.4	-0.5	-0.3
3561	Pumps & pumping equipment	3.9	3.9	4.0	0.0	-0.1
3562	Ball & roller bearings	4.3	4.3	4.4	0.0	-0.1
3563	Air & gas compressors	5.3	5.3	5.2	0.0	0.1
3567	Industrial furnaces & ovens	4.0	3.9	4.0	0.1	0.0
	Other general industrial machinery	11.6	12.2	11.8	-0.6	0.2

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(cont.)
Industry Detail
(Thousands)

SIC Code	Industry	Total – All Employees			Net Change –	
		Jul. 1980	Jun. 1980	Jul. 1979	Jun. 1980	Jul. 1979
357	Office and computing machines	13.5	13.2	12.8	0.3	0.7
358	Refrigeration & service industry machinery	11.4	11.3	11.4	0.1	0.0
359	Misc. machinery, exc. electrical	14.3	15.0	14.7	-0.7	-0.4
36	Electric & electronic equipment	121.4	123.4	129.1	-2.0	-7.7
361	Electric distributing equipment	18.4	18.2	20.3	0.2	-1.9
3612	Transformers	6.2	6.1	6.7	0.1	-0.5
3613	Switchgear & switchboard apparatus	12.2	12.1	13.6	0.1	-1.4
362	Electrical industrial apparatus	22.6	23.7	24.5	-1.1	-1.9
363	Household appliances	4.0	4.2	4.6	-0.2	-0.6
364	Electric lighting & wiring equipment	21.2	21.6	22.5	-0.4	-1.3
3643	Current-carrying wiring devices	11.4	11.5	11.2	-0.1	0.2
	Other electric light & wiring equipment	9.8	10.1	11.3	-0.3	-1.5
366	Communication equipment	9.0	9.3	8.9	-0.3	0.1
367	Electronic components & accessories	35.2	35.9	36.8	-0.7	-1.6
3674	Semiconductors & related devices	12.1	12.4	11.9	-0.3	0.2
	Other electronic components & accessories	23.1	23.5	24.9	-0.4	-1.8
	Other electrical equipment & supplies	11.0	10.5	11.5	0.5	-0.5
37	Transportation equipment	77.8	80.9	88.5	-3.1	-10.7
371	Motor vehicles & equipment	25.1	26.7	32.9	-1.6	-7.8
3714	Motor vehicle parts & accessories	9.4	11.0	12.7	-1.6	-3.3
	Other motor vehicles & equipment	15.7	15.7	20.2	0.0	-4.5
372	Aircraft & parts	11.1	11.2	11.7	-0.1	-0.6
373	Ship & boat building & repairing	8.0	7.7	7.7	0.3	0.3
374	Railroad equipment	21.0	22.8	23.7	-1.8	-2.7
	Other transportation equipment	12.6	12.5	12.5	0.1	0.1
38	Instruments & related products	42.3	42.8	43.4	-0.5	-1.1
382	Measuring & controlling devices	23.0	23.2	23.7	-0.2	-0.7
384	Medical instruments & supplies	11.5	11.6	11.9	-0.1	-0.4
	Other instruments & related products	7.8	8.0	7.8	-0.2	0.0
39	Miscellaneous manufacturing industries	23.8	24.1	26.9	-0.3	3.1
	TOTAL NONDURABLE GOODS	510.0	527.8	535.2	-17.8	-25.2
20	Food & kindred products	99.6	98.5	99.9	1.1	-0.3
201	Meat products	17.4	16.9	16.5	0.5	0.9
2011	Meat packing plants	5.6	5.3	5.2	0.3	0.4
2013	Sausages & other prepared meats	5.7	5.8	5.8	-0.1	-0.1
2016,7	Poultry dressing & processing	6.1	5.8	5.5	0.3	0.6
202	Dairy products	12.5	12.5	12.2	0.0	0.3
2026	Fluid milk	7.0	6.9	7.1	0.1	-0.1
	Other dairy products	5.5	5.6	5.1	-0.1	0.4
203	Preserved fruits & vegetables	11.3	10.8	12.5	0.5	-1.2
2033	Canned fruits & vegetables	4.3	4.0	5.0	0.3	-0.7
	Other preserved fruits & vegetables	7.0	6.8	7.5	0.2	-0.5
204	Grain mill products	5.1	5.1	4.9	0.0	0.2
205	Bakery products	19.6	19.7	19.8	-0.1	-0.2
2051	Bread, cake & related products	14.8	14.8	15.1	0.0	-0.3
2052	Cookies & crackers	4.8	4.9	4.7	-0.1	0.1
206	Sugar & confectionery products	15.2	14.8	15.5	0.4	-0.3
2065	Confectionery products	5.8	5.7	6.2	0.1	-0.4
2066	Chocolate & cocoa products	6.3	5.9	6.0	0.4	0.3
	Other sugar products	3.1	3.2	3.3	-0.1	-0.2
208	Beverages	10.2	10.1	9.9	0.1	0.3
	Other food & kindred products	8.3	8.6	8.6	-0.3	-0.3
21	Tobacco manufacturers	3.0	3.1	3.6	-0.1	-0.6
22	Textile mill products	44.2	46.2	47.6	-2.0	-3.4
222	Weaving mills, snythetics	4.4	4.6	4.5	-0.2	-0.1
225	Knitting mills	23.9	24.7	24.5	-0.8	-0.6
2253	Knit outerwear mills	12.7	12.8	13.0	-0.1	-0.3
2254	Knit underwear mills	4.6	4.9	4.8	-0.3	-0.2
	Other knitting mills	6.6	7.0	6.7	-0.4	-0.1
227	Floor covering mills	3.0	3.1	3.9	-0.1	-0.9
228	Yarn & thread mills	3.8	4.2	4.8	-0.4	-1.0
	Other textile mill products	9.1	9.6	9.9	-0.5	-0.8

TABLE 5. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA
(concl.)

Industry Detail
(Thousands)

SIC	Industry	Total - All Employees			Net Change From -	
		Jul. 1980	Jun. 1980	Jul. 1979	Jun. 1980	Jul. 1979
23	Apparel & other textile products	116.3	125.0	127.1	-8.7	-10.8
231	Men's & boys' suits & coats	14.6	15.5	15.1	-0.9	-0.5
232	Men's & boys' furnishings	23.6	25.0	24.3	-1.4	-0.7
2321	Men's & boys' shirts & nightwear	8.5	8.8	9.2	-0.3	-0.7
2327	Men's & boys' separate trousers	5.6	6.3	5.9	-0.7	-0.3
	Other furnishings and work clothing	9.5	9.9	9.2	-0.4	0.3
233	Women's & misses' outerwear	50.2	55.3	57.9	-5.1	-7.7
234	Women's & children's undergarments	9.4	9.9	9.6	-0.5	-0.2
236	Children's outerwear	7.1	7.4	7.6	-0.3	-0.5
	Other apparel & textile products	11.4	11.9	12.6	-0.5	-1.2
26	Paper & allied products	42.5	44.3	45.1	-1.8	-2.6
262	Paper mills exc. building paper	12.3	12.6	12.4	-0.3	-0.1
265	Paper board containers & boxes	13.5	14.3	15.1	-0.8	-1.6
2653	Corrugated & solid fiber boxes	7.2	7.5	7.9	-0.3	-0.7
	Other paperboard containers	6.3	6.8	7.2	-0.5	-0.9
	Other paper & allied products	16.7	17.4	17.6	-0.7	-0.9
27	Printing & publishing	72.5	74.4	72.2	-1.9	0.3
271	Newspapers	26.3	26.5	25.8	-0.2	0.5
273	Books	7.5	8.1	7.7	-0.6	-0.2
275	Commercial printing	20.8	21.2	20.6	-0.4	0.2
2752	Lithographing	10.8	10.8	10.3	0.0	0.5
	Other commercial printing	10.0	10.4	10.3	-0.4	-0.3
276	Manifold business forms	3.6	3.7	3.9	-0.1	-0.3
	Other printing & publishing	14.3	14.9	14.2	-0.6	0.1
28	Chemicals & allied products	61.1	62.5	62.0	-1.4	-0.9
281	Industrial inorganic chemicals	11.0	11.6	11.2	-0.6	-0.2
282	Plastic materials & synthetics	8.6	8.8	8.9	-0.2	-0.3
283	Drugs	18.2	18.1	17.2	0.1	1.0
284	Soap, cleaners & toilet goods	3.1	3.2	3.2	-0.1	-0.1
285	Paints & allied products	4.2	4.4	4.6	-0.2	-0.4
	Other chemicals & allied products	16.0	16.4	16.9	-0.4	-0.9
29	Petroleum & coal products	17.3	17.6	18.1	-0.3	-0.8
291	Petroleum refining	13.5	13.6	13.7	-0.1	-0.2
	Other petroleum & coal products	3.8	4.0	4.4	-0.2	-0.6
30	Rubber & misc. plastics products	37.2	38.6	42.6	-1.4	-5.4
301	Tires & inner tubes	5.1	5.3	8.2	-0.2	-3.1
306	Fabricated rubber products, nec	5.0	5.1	5.6	-0.1	-0.6
	Other rubber & plastic products, nec	27.1	28.2	28.8	-1.1	-1.7
31	Leather & leather products	16.3	17.6	17.0	-1.3	-0.7
314	Footwear, exc. rubber	12.9	14.0	13.1	-1.1	-0.2
3143	Men's footwear, exc. athletic	4.9	5.4	5.0	-0.5	-0.1
3144	Women's footwear, exc. athletic	4.3	4.7	4.3	-0.4	0.0
	Other footwear	3.7	3.9	3.8	-0.2	-0.1
	Other leather & leather products	3.4	3.6	3.9	-0.2	-0.5

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979
TOTAL MANUFACTURING INDUSTRIES	$287.65	$287.98	$277.31	38.2	38.5	39.9	$7.53	$7.48	$6.95
TOTAL DURABLE GOODS	321.92	324.14	313.65	38.6	39.1	41.0	8.34	8.29	7.65
Lumber & wood products	215.73	218.23	198.74	38.8	38.9	39.2	5.56	5.61	5.07
Millwork, plywood & structural	207.27	212.04	200.97	36.3	37.2	38.5	5.71	5.70	5.22
Other lumber & wood products	220.00	221.13	198.00	40.0	39.7	39.6	5.50	5.57	5.00
Furniture & fixtures	237.70	244.51	214.06	38.4	39.5	38.5	6.19	6.19	5.56
Household furniture	205.50	216.67	186.47	37.5	38.9	37.9	5.48	5.57	4.92
Office furniture	257.79	256.47	225.82	39.0	38.8	37.7	6.61	6.61	5.99
Other furniture & fixtures	270.87	282.36	251.69	39.2	41.1	40.4	6.91	6.87	6.23
Stone, clay & glass products	296.82	307.97	305.15	38.8	40.1	42.5	7.65	7.68	7.18
Glass & glassware, pressed or blown	238.65	258.75	286.40	33.1	35.3	40.0	7.21	7.33	7.16
Glass containers	220.29	236.22	300.29	29.1	31.0	40.8	7.57	7.62	7.36
Other pressed or blown glass	256.41	281.16	269.49	37.0	39.6	39.0	6.93	7.10	6.91
Hydraulic cement	457.06	474.01	395.04	43.2	44.3	40.6	10.58	10.70	9.73
Structural clay products	243.20	252.50	256.07	37.3	38.2	40.2	6.52	6.61	6.37
Pottery & related products	249.12	276.19	262.70	36.0	38.9	42.1	6.92	7.10	6.24
Concrete, gypsum & plaster prods.	296.93	302.12	298.80	40.9	41.5	45.0	7.26	7.28	6.64
Other stone, clay & glass prods.	360.74	361.62	341.71	44.1	44.7	45.2	8.18	8.09	7.56
Primary metal industries	386.23	388.69	397.00	36.3	36.6	42.1	10.64	10.62	9.43
Blast furnace & basic steel prods.	410.42	414.78	429.77	34.9	35.3	42.3	11.76	11.75	10.16
Blast furnaces & steel mills	413.32	419.69	436.96	34.3	34.8	42.3	12.05	12.06	10.33
Other basic steel products	374.54	367.02	356.97	40.8	40.6	42.7	9.18	9.04	8.36
Iron & steel foundries	305.36	304.59	291.05	38.8	39.0	40.2	7.87	7.81	7.24
Gray iron foundries	298.50	290.86	284.12	39.8	39.2	40.3	7.50	7.42	7.05
Steel foundries, n.e.c.	308.56	309.99	296.68	38.0	38.7	40.2	8.12	8.01	7.38
Malleable iron & steel invest.	311.85	318.24	292.87	38.5	39.0	39.9	8.10	8.16	7.34
Nonferrous rolling & drawing	324.38	318.76	296.12	40.7	40.4	40.9	7.97	7.89	7.24
Nonferrous foundries	296.50	292.45	282.51	42.6	41.6	43.0	6.96	7.03	6.57
Other primary metal products	350.40	336.77	313.11	43.8	42.9	42.6	8.00	7.85	7.35
Fabricated metal prods., incl. ordn.	301.78	302.12	282.80	39.5	39.7	40.0	7.64	7.61	7.07
Metal cans & shipping containers	354.50	348.17	344.86	40.7	39.7	43.0	8.71	8.77	8.02
Cutlery, hand tools & hardware	247.59	253.20	222.85	39.3	40.0	37.9	6.30	6.33	5.88
Plumbing & heating exc. electrical	289.76	283.14	273.46	40.3	39.6	42.2	7.19	7.15	6.48
Fabricated structural metal prods.	298.96	296.61	273.23	40.4	40.3	40.3	7.40	7.36	6.78
Fabricated struct. metal	289.08	284.97	265.52	36.0	35.4	34.8	8.03	8.05	7.63
Fab. plate work (boiler shops)	289.28	298.66	292.07	39.9	40.8	42.7	7.25	7.32	6.84
Other fab. struct. metal prods.	310.61	302.60	264.81	43.2	42.8	41.9	7.19	7.07	6.32
Screw machine products, bolts, etc.	277.15	277.38	257.02	38.6	39.4	39.3	7.18	7.04	6.54
Metal forgings & stampings	360.05	367.23	348.71	38.1	39.7	40.5	9.45	9.25	8.61
Iron & steel forgings	319.16	320.37	282.63	39.5	40.4	39.2	8.08	7.93	7.21
Other metal forgings & stampings	376.00	386.12	371.37	37.6	39.4	40.9	10.00	9.80	9.08
Metal services & ordnance, n.e.c.	270.58	290.17	250.04	39.5	41.1	37.6	6.85	7.06	6.65
Misc. fabricated metal products	279.10	272.97	268.00	39.2	38.5	40.0	7.12	7.09	6.70
Valves & pipe fittings	296.02	269.56	268.52	41.0	37.7	40.5	7.22	7.15	6.63
Other misc. fab. metal products	265.03	275.26	268.37	37.7	39.1	39.7	7.03	7.04	6.76
Machinery, exc. electrical	226.83	332.07	303.99	40.3	41.2	41.7	8.11	8.06	7.29
Engines & turbines	350.34	351.82	240.80	39.1	41.1	35.0	8.96	8.56	6.88
Farm & garden machinery	359.92	430.58	363.48	41.9	46.2	46.6	8.59	9.32	7.80
Construction & related machinery	327.99	329.22	312.62	39.0	39.1	40.6	8.41	8.42	7.70
Construction machinery	327.36	326.31	317.97	36.7	36.5	40.3	8.92	8.94	7.89
Conveyors & conveying equipment	303.67	310.78	237.27	39.8	40.1	36.9	7.63	7.75	6.43
Other constr. & related mach.	331.30	334.14	318.78	40.7	41.1	41.4	8.14	8.13	7.70
Metal working machinery	326.14	330.40	304.21	39.2	40.0	40.4	8.32	8.26	7.53
Special industry machinery	322.51	320.58	280.53	41.4	41.1	39.4	7.79	7.80	7.12
General industrial machinery	350.04	349.62	326.19	43.7	44.2	44.5	8.01	7.91	7.33
Pumps & pumping equipment	344.63	322.32	304.26	42.6	40.8	42.2	8.09	7.90	7.21
Ball & roller bearings	319.55	322.29	327.96	40.5	40.9	44.2	7.89	7.88	7.42
Air & gas compressors	410.40	389.28	369.89	48.0	48.0	48.1	8.55	8.11	7.37
Industrial furnaces & ovens	297.52	310.47	297.52	37.9	39.4	40.7	7.85	7.88	7.31
Other general industrial mach.	353.36	359.20	327.94	44.9	45.7	44.8	7.87	7.86	7.32
Office and computing machines	347.53	366.63	355.41	38.7	41.9	45.8	8.98	8.75	7.76
Refrigeration & serv. ind. mach.	243.24	267.15	238.16	34.6	39.0	39.3	8.03	6.85	6.06
Misc. machinery, exc. electrical	314.77	306.64	295.58	41.2	40.4	42.9	7.64	7.59	6.89

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES
(cont.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979
Electrical & electronic equipment	$285.65	$277.14	$259.24	39.4	39.2	39.7	$7.25	$7.07	$6.53
Electric distributing equipment	385.00	334.03	299.92	43.9	40.1	38.5	8.77	8.33	7.79
Transformers	397.13	309.50	218.04	45.7	37.2	31.6	8.69	8.32	6.90
Switchgear & switchbrd apparatus	378.38	346.53	341.88	42.9	41.6	42.0	8.82	8.33	8.14
Electrical industrial apparatus	265.41	278.07	267.18	37.7	39.0	39.7	7.04	7.13	6.73
Household appliances	253.45	265.56	246.89	37.0	39.4	38.1	6.85	6.74	6.48
Electric lighting & wiring equip.	251.08	255.27	244.42	37.7	38.1	40.2	6.66	6.70	6.08
Current-carrying wiring devices	264.48	271.96	270.86	38.0	39.3	43.2	6.96	6.92	6.27
Other elect lght & wirng equip.	248.63	241.89	228.48	37.5	37.1	38.4	6.63	6.52	5.95
Communication equipment	290.24	323.82	286.41	40.2	42.0	38.6	7.22	7.71	7.42
Electronic components & access.	286.44	270.80	254.41	40.4	40.0	41.3	7.09	6.77	6.16
Semiconductors & related devices	372.78	333.30	315.59	41.1	40.4	41.8	9.07	8.25	7.55
Other electronic comp.& access.	244.61	239.60	226.87	40.1	39.8	41.1	6.10	6.02	5.52
Other electrical equip. & supplies	234.79	233.05	218.45	35.9	36.3	36.9	6.54	6.42	5.92
Transportation equipment	340.66	353.70	334.55	37.6	39.3	40.7	9.06	9.00	8.22
Motor vehicles & equipment	358.16	358.33	353.83	37.9	37.6	40.3	9.45	9.53	8.78
Motor vehicle parts & access.	355.74	378.67	353.94	38.5	39.2	41.3	9.24	9.66	8.57
Other motor vehicles & equip.	359.63	341.58	354.12	37.5	36.3	39.7	9.59	9.41	8.92
Aircraft & parts	359.98	345.66	311.40	41.0	40.1	40.6	8.78	8.62	7.67
Ship & boat building & repairing	361.46	374.79	326.19	38.7	40.3	41.5	9.34	9.30	7.86
Railroad equipment	364.88	367.75	349.16	38.9	39.5	40.6	9.38	9.31	8.60
Other transportation equipment	198.75	291.75	286.38	29.1	42.1	43.0	6.83	6.93	6.66
Instruments & related products	276.44	277.41	258.93	39.1	39.8	41.1	7.07	6.97	6.30
Measuring & controlling devices	314.07	309.01	282.67	42.1	42.1	42.7	7.46	7.34	6.62
Medical instruments & supplies	228.68	240.64	223.05	35.4	37.6	39.2	6.46	6.40	5.69
Other instruments & related prods.	234.91	239.44	241.92	35.7	36.5	39.4	6.58	6.56	6.14
Misc. manufacturing industries	276.62	265.58	251.93	40.8	40.3	39.8	6.78	6.59	6.33
TOTAL NONDURABLE GOODS	236.76	234.62	221.37	37.7	37.6	38.3	6.28	6.24	5.78
Food & kindred products	277.41	274.72	253.49	39.8	39.7	40.3	6.97	6.92	6.29
Meat products	277.89	276.86	278.86	40.1	40.3	43.1	6.93	6.87	6.47
Meat packing plants	318.67	316.52	318.12	39.1	38.6	44.0	8.15	8.20	7.23
Sausages & other prepared meats	314.26	301.27	317.18	38.0	37.8	41.9	8.27	7.97	7.57
Poultry dressing & processing	215.90	224.18	207.41	42.5	43.7	43.3	5.08	5.13	4.79
Dairy products	280.69	280.48	263.97	41.4	41.8	41.9	6.78	6.71	6.30
Fluid milk	294.27	290.75	261.70	41.8	41.3	40.7	7.04	7.04	6.43
Other dairy products	271.67	274.07	265.59	41.1	42.1	42.7	6.61	6.51	6.22
Preserved fruits & vegetables	230.78	226.49	214.88	36.4	35.5	38.1	6.34	6.38	5.64
Canned fruits & vegetables	191.48	186.70	186.35	34.5	33.7	37.8	5.55	5.54	4.93
Other preserved fruits & vegs.	256.06	251.76	234.78	37.6	36.7	38.3	6.81	6.86	6.13
Grain mill products	318.28	313.63	269.37	43.9	43.2	41.0	7.25	7.26	6.57
Bakery products	272.83	266.40	237.79	40.3	40.0	39.5	6.77	6.66	6.02
Bread, cake & related products	269.50	264.21	235.85	39.4	39.2	38.6	6.84	6.74	6.11
Cookies & crackers	280.93	270.22	241.95	42.5	41.7	41.5	6.61	6.48	5.83
Sugar & confectionery products	267.86	265.35	245.15	37.1	36.6	37.6	7.22	7.25	6.52
Confectionery products	217.85	217.41	213.30	34.8	34.4	36.4	6.26	6.32	5.86
Chocolate & cocoa products	292.79	297.14	256.12	39.3	39.2	38.0	7.45	7.58	6.74
Other sugar products	326.32	308.65	295.89	37.9	36.7	39.4	8.61	8.41	7.51
Beverages	360.18	365.06	340.13	41.4	42.4	43.0	8.70	8.61	7.91
Other food & kindred products	250.14	249.23	207.95	41.9	42.1	40.3	5.97	5.92	5.16
Tobacco manufacturers	170.60	165.56	142.85	39.4	37.8	37.2	4.33	4.38	3.84
Textile mill products	185.71	190.40	178.31	37.9	38.7	38.1	4.90	4.92	4.68
Weaving mills, synthetics	209.07	224.33	211.03	41.4	43.9	44.9	5.05	5.11	4.70
Knitting mills	176.43	182.02	163.35	37.3	38.4	35.9	4.73	4.74	4.55
Knit outerwear mills	178.02	180.03	158.55	37.4	37.9	35.0	4.76	4.75	4.53
Knit underwear mills	149.80	151.95	143.24	34.2	34.3	34.6	4.38	4.43	4.14
Other knitting mills	194.43	208.25	189.24	39.2	42.5	39.1	4.96	4.90	4.84
Floor covering mills	233.84	234.72	233.78	37.9	36.0	40.1	6.17	6.52	5.83
Yarn & thread mills	170.11	175.48	166.63	36.9	37.1	39.3	4.61	4.73	4.24
Other textile mill products	195.07	191.76	190.30	38.4	38.2	39.4	5.08	5.02	4.83

TABLE 6. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS OR NONSUPERVISORY EMPLOYEES

(concl.)

Industry Detail

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979
Apparel & other textile products	$154.51	$153.73	$145.25	33.3	32.5	33.7	$4.64	$4.73	$4.31
Men's & boys' suits & coats	199.82	202.21	186.02	36.8	36.5	35.5	5.43	5.54	5.24
Men's & boys' furnishings	156.20	153.65	149.74	35.5	35.0	36.7	4.40	4.39	4.08
Men's & boys' shirts & nightwear	154.07	150.25	149.95	35.5	34.7	37.3	4.34	4.33	4.02
Men's & boys' separate trousers	177.64	173.06	152.99	35.6	33.8	32.9	4.99	5.12	4.65
Other furnishings & wrk. clothng	145.55	144.76	147.07	35.5	36.1	38.4	4.10	4.01	3.83
Women's & misses' outerwear	146.17	145.50	137.97	31.3	30.0	31.5	4.67	4.85	4.38
Women's & children's undergarments	125.12	129.23	130.90	32.0	32.8	35.0	3.91	3.94	3.74
Children's outerwear	148.68	144.00	132.14	31.3	30.0	33.2	4.75	4.80	3.98
Other apparel & textile products	156.47	154.70	140.65	35.4	35.0	34.9	4.42	4.42	4.03
Paper & allied products	305.36	306 75	295.68	44.0	44.2	44.8	6.94	6.94	6.60
Paper mills exc. building paper	405.92	400.16	372.46	47.2	47.3	45.7	8.60	8.46	8.15
Paper board containers & boxes	290.79	281.47	274.21	40.5	39.7	41.8	7.18	7.09	6.56
Corrugated & solid fiber boxes	285.29	276.95	275.49	38.5	38.2	39.3	7.41	7.25	7.01
Other paperboard containers	297.46	285.80	272.27	42.8	41.3	44.2	6.95	6.92	6.16
Other paper & allied products	262.93	275.22	275.29	45.1	46.1	47.3	5.83	5.97	5.82
Printing & publishing	275.40	274.82	265.27	36.0	36.4	37.1	7.65	7.55	7.15
Newspapers	289.62	289.07	279.07	32.8	32.7	34.2	8.83	8.84	8.16
Books	222.77	219.37	210.73	35.7	36.2	35.9	6.24	6.06	5.87
Commercial printing	292.47	292.21	284.36	37.4	37.9	38.9	7.82	7.71	7.31
Lithographing	275.66	271.95	263.15	35.8	36.7	36.6	7.70	7.41	7.19
Other commercial printing	310.06	313.60	304.96	39.1	39.2	41.1	7.93	8.00	7.42
Manifold business forms	[illegible]5.74	293.78	270.13	38.2	39.7	38.1	7.48	7.40	7.09
Other printing & publishing	263.84	264.83	258.78	36.9	37.3	38.0	7.15	7.10	6.81
Chemicals & allied products	318.77	317.83	293.57	40.3	40.8	41.7	7.91	7.79	7.04
Industrial inorganic chemicals	330.65	342.50	298.74	42.5	43.3	42.8	7.78	7.91	6.98
Plastic materials & synthetics	310.18	325.22	300.35	38.2	40.3	41.2	8.12	8.07	7.29
Drugs	326.21	320.92	281.00	37.8	37.8	39.3	8.63	8.49	7.15
Soap, cleaners & toilet goods	269.45	270.76	258.74	39.8	40.9	41.8	6.77	6.62	6.19
Paints & allied products	277.51	267.14	271.48	37.3	36.1	40.1	7.44	7.40	6.77
Other chemicals & allied products	329.51	317.22	311.25	43.3	43.1	43.9	7.61	7.36	7.09
Petroleum & coal products	451.88	435.59	379.74	44.0	43.0	42.1	10.27	10.13	9.02
Petroleum refining	473.72	458.34	388.68	43.5	42.4	41.0	10.89	10.81	9.48
Other petroleum & coal products	369.38	355.95	346.84	46.0	45.0	46.0	8.03	7.91	7.54
Rubber & misc. plastics products	227.62	228.51	234.82	38.0	38.6	39.8	5.99	5.92	5.90
Tires & inner tubes	318.78	341.82	346.02	39.6	42.2	43.8	8.05	8.10	7.90
Fabricated rubber products, nec	290.76	279.04	277.06	42.2	41.4	43.7	6.89	6.74	6.34
Other rubber & plastic prods., nec	205.34	204.33	197.74	37.2	37.7	38.1	5.52	5.42	5.19
Leather & leather products	173.31	175.56	159.56	38.6	39.1	39.3	4.49	4.49	4.06
Footwear, exc. rubber	162.21	162.69	144.36	37.9	38.1	37.4	4.28	4.27	3.86
Men's footwear, exc. athletic	187.33	183.87	154.05	40.2	40.5	39.5	4.66	4.54	3.90
Women's footwear, exc. athletic	145.96	148.67	142.85	36.4	36.8	37.2	4.01	4.04	3.84
Other footwear	147.83	148.73	134.75	36.5	36.1	35.0	4.05	4.12	3.85
Other leather & leather products	216.52	227.66	188.72	41.4	43.2	42.6	5.23	5.27	4.43
SELECTED NONMANUFACTURING INDUSTRIES									
Anthracite Mining	356.75	385.58	319.09	43.4	46.4	40.7	8.22	8.31	7.84
Bituminous coal & lignite mining	330.99	338.32	311.35	29.9	30.1	29.4	11.07	11.24	10.59
Nonmetallic minerals, exc. fuels	347.27	348.30	342.49	45.1	45.0	47.7	7.70	7.74	7.18
Communication	356.13	345.46	326.75	40.7	39.8	41.1	8.75	8.68	7.95
Electric, gas, & sanitary services	439.45	431.97	379.68	46.7	46.2	44.2	9.41	9.35	8.59
Electric services	470.40	467.92	391.46	49.0	49.1	46.0	9.60	9.53	8.51
Gas production & distribution	404.89	393.07	328.80	46.7	45.6	42.1	8.67	8.62	7.81
General merchandise stores	138.81	136.27	130.38	28.1	27.2	28.1	4.94	5.01	4.64
Banking	183.01	180.88	169.61	INA	INA	INA	INA	INA	INA
Insurance carriers	225.47	224.59	204.38	INA	INA	INA	INA	INA	INA
Life insurance	209.63	210.33	189.32	INA	INA	INA	INA	INA	INA
Fire, marine & casualty insurance	224.66	223.03	208.39	INA	INA	INA	INA	INA	INA

TABLE 7. AVERAGE GROSS EARNINGS AND MANHOURS OF PRODUCTION WORKERS IN SELECTED MANUFACTURING GROUPS

Industry Detail

Year and Month	All Manufacturing			All Durable Goods			All Nondurable Goods			Primary Metals		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$167.23	40.2	$4.16	$187.17	41.5	$4.51	$139.03	38.3	$3.63	$212.38	41.4	$5.13
1974	180.97	39.6	4.57	203.45	41.1	4.95	146.59	37.3	3.93	239.61	41.1	5.83
1975	193.22	38.8	4.98	217.60	40.0	5.44	159.22	37.2	4.28	253.37	39.1	6.48
1976	210.11	39.2	5.36	236.16	40.3	5.86	172.58	37.6	4.59	279.89	39.7	7.05
1977	231.08	39.5	5.85	260.48	40.7	6.40	188.62	37.8	4.99	308.07	39.7	7.76
1978	254.80	40.0	6.37	289.10	41.3	7.00	204.60	38.1	5.37	356.10	41.6	8.56
1979	278.10	39.9	6.97	316.83	41.2	7.69	219.06	37.9	5.78	397.16	41.5	9.57
1979 Jul.	277.31	39.9	6.95	313.65	41.0	7.65	221.37	38.3	5.78	397.00	42.1	9.43
Aug.	279.49	39.7	7.04	317.79	40.9	7.77	221.92	38.0	5.84	399.75	41.0	9.75
Sep.	285.51	40.1	7.12	323.42	41.2	7.85	225.00	38.2	5.89	407.12	41.5	9.81
Oct.	284.57	39.8	7.15	323.05	41.1	7.86	224.37	37.9	5.92	397.39	40.8	9.74
Nov.	294.19	40.3	7.30	334.88	41.6	8.05	230.78	38.4	6.01	425.60	41.2	10.33
Dec.	291.34	39.8	7.32	329.65	40.9	8.06	231.87	38.2	6.07	408.35	39.8	10.26
1980 Jan.	285.38	39.2	7.28	322.81	40.2	8.03	227.10	37.6	6.04	386.32	37.8	10.22
Feb.	286.26	39.0	7.34	324.80	40.0	8.12	227.10	37.6	6.04	393.02	37.9	10.37
Mar.	286.03	38.6	7.41	324.72	39.6	8.20	225.94	37.1	6.09	390.75	37.5	10.42
Apr.	288.28	38.8	7.43	326.30	39.6	8.24	230.25	37.5	6.14	395.77	37.8	10.47
May	288.73	38.6	7.48	326.19	39.3	8.30	232.74	37.6	6.19	392.99	36.9	10.65
Jun.	287.97	38.5	7.48	324.14	39.1	8.29	234.62	37.6	6.24	388.69	36.6	10.62
Jul.	287.65	38.2	7.53	321.92	38.6	8.34	236.76	37.7	6.28	386.23	36.3	10.64

Year and Month	Fabricated Metal Products			Machinery Except Electrical			Electric & Electronic Equip.			Transportation Equipment		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$182.68	41.9	$4.36	$198.77	43.4	$4.58	$167.69	40.8	$4.11	$197.69	41.1	$4.81
1974	196.24	41.4	4.74	209.78	42.9	4.89	175.96	39.9	4.41	215.54	40.9	5.27
1975	208.17	40.5	5.14	222.14	41.6	5.34	191.84	39.8	4.82	234.61	39.9	5.88
1976	223.01	40.4	5.52	241.60	41.8	5.78	206.96	40.5	5.11	254.23	40.1	6.34
1977	246.64	40.7	6.06	262.92	42.0	6.26	225.74	40.6	5.56	289.26	41.8	6.92
1978	264.71	40.6	6.52	291.13	42.5	6.85	247.25	40.6	6.09	315.59	41.8	7.55
1979	285.93	40.5	7.06	311.33	42.3	7.36	266.64	40.4	6.60	348.60	42.0	8.30
1979 Jul	282.80	40.0	7.07	303.99	41.7	7.29	259.24	39.7	6.53	334.55	40.7	8.22
Aug	283.60	40.0	7.09	312.28	42.2	7.40	257.90	39.8	6.48	341.04	40.6	8.40
Sep	286.80	40.0	7.17	318.33	42.5	7.49	271.62	40.3	6.74	350.26	41.5	8.44
Oct	292.66	40.2	7.28	321.73	42.5	7.57	273.91	40.4	6.78	355.28	41.7	8.52
Nov	299.30	41.0	7.30	329.84	43.4	7.60	283.73	41.3	6.87	349.76	41.1	8.51
Dec	304.79	41.3	7.38	327.76	42.9	7.64	280.95	40.6	6.92	349.61	40.7	8.59
1980 Jan	296.38	40.6	7.30	329.80	42.5	7.76	281.48	40.5	6.95	353.87	41.1	8.61
Feb	298.56	40.4	7.39	329.33	41.9	7.86	285.31	40.7	7.01	349.74	40.2	8.70
Mar	301.55	40.1	7.52	330.22	41.8	7.90	282.49	39.9	7.08	351.12	39.9	8.80
Apr	295.77	39.7	7.45	331.14	41.6	7.96	286.34	40.5	7.07	358.80	41.0	8.97
May	303.96	40.1	7.58	332.86	41.4	8.04	278.78	39.6	7.04	356.69	39.5	9.03
Jun	302.12	39.7	7.61	332.07	41.2	8.06	277.14	39.2	7.07	353.70	39.3	9.00
Jul	301.78	39.5	7.64	326.83	40.3	8.11	285.65	39.4	7.25	340.66	37.6	9.06

Year and Month	Food Products			Textile Products			Apparel and Related Products			Printing and Publishing		
	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE	AWE	AWH	AHE
1973	$158.36	40.5	$3.91	$120.43	39.1	$3.08	$ 99.71	33.8	$2.95	$180.81	38.8	$4.66
1974	171.68	40.3	4.26	124.74	37.8	3.30	103.02	32.6	3.16	189.52	38.0	4.99
1975	187.80	40.3	4.66	132.42	37.3	3.55	109.20	32.5	3.36	204.58	37.4	5.47
1976	204.22	40.2	5.08	142.12	38.0	3.74	119.55	33.3	3.59	218.82	36.9	5.93
1977	219.89	40.2	5.47	154.37	38.4	4.02	125.95	32.8	3.84	238.52	37.8	6.31
1978	239.95	40.6	5.91	166.12	38.1	4.36	138.28	33.4	4.14	245.95	36.6	6.72
1979	251.20	40.0	6.28	178.26	38.5	4.63	143.44	32.6	4.40	263.87	36.7	7.19
1979 Jul.	253.49	40.3	6.29	178.31	38.1	4.68	145.25	33.7	4.31	265.27	37.1	7.15
Aug.	256.07	40.2	6.37	180.01	38.3	4.70	142.79	32.6	4.38	266.35	37.2	7.16
Sep.	256.14	40.4	6.34	181.93	38.3	4.75	146.17	32.7	4.47	268.93	37.3	7.21
Oct.	248.77	39.3	6.33	185.85	38.8	4.79	148.98	32.6	4.57	265.70	36.8	7.22
Nov.	261.06	40.6	6.43	188.37	39.0	4.83	149.77	32.7	4.58	276.77	37.3	7.42
Dec.	266.18	40.7	6.54	186.73	38.5	4.85	147.23	31.8	4.63	291.39	38.8	7.51
1980 Jan.	259.24	39.7	6.53	191.12	38.5	4.99	149.12	32.0	4.66	274.91	37.0	7.43
Feb.	260.95	39.3	6.64	185.71	37.9	4.90	152.06	32.7	4.65	271.50	36.2	7.50
Mar.	259.62	39.1	6.64	186.25	37.4	4.98	147.23	31.8	4.63	276.33	36.4	7.55
Apr.	264.71	39.1	6.77	187.94	38.2	4.92	151.59	32.6	4.65	271.57	36.6	7.42
May	273.34	39.5	6.92	190.02	38.7	4.91	150.94	32.6	4.63	277.84	36.8	7.55
Jun.	274.72	39.7	6.92	190.40	38.7	4.92	153.73	32.5	4.73	274.82	36.4	7.55
Jul.	277.41	39.8	6.97	185.71	37.9	4.90	154.51	33.3	4.64	275.40	36.0	7.65

TABLES 8 & 9. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1969	$127.52	40.1	$3.18	112.7	109.8	$116.14	$ 11.38
1970	131.71	39.2	3.36	119.1	116.3	113.25	18.46
1971	140.73	39.2	3.59	127.3	121.3	116.02	24.71
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18

Real Earnings are computed by adjusting current earnings for changes in
The Consumer Price Index (Col 1 - Col. 5)

TABLE 10. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(Thousands)

Industry	Employment			Weekly Manhours Worked			Weekly Payrolls		
	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979
MANUFACTURING	925.9	958.4	996.5	35,376.0	36,888.2	39,793.5	266,468.0	270,053.7	276,796.3
DURABLE GOODS	556.4	572.0	609.4	21,455.0	22,370.6	24,987.6	179,033.0	185,446.0	191,167.1
NONDUR. GOODS	369.5	386.4	387.1	13,921.0	14,517.6	14,805.9	87,435.0	90,607.7	85,629.2

NOTATION

Resident Data are an estimate of WORKERS by place of residence and include wage and salary workers, self-employed and unpaid family workers, domestic workers, agricultural workers and persons involved in labor-management disputes. These data are derived from the National Current Population Survey (CPS) and do not reflect commuting or dual job holding. Consequently, they are not comparable to establishment based Nonagricultural Wage and Salary data.

Establishment Data are estimates of JOBS by place of work.

Labor-management disputes

Persons involved in labor-management disputes are included in RESIDENT employment counts. They are not included in ESTABLISHMENT data nor are they counted as labor turnover actions. Wherever indicated (#), however, they are added to the Nonagricultural Wage and Salary total to show more accurately the number of jobs held. An asterisk (*) denotes a total significantly affected by a labor-management dispute.

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA

Industry Group

(Thousands)

Year and Month	Total Manufacturing	Total Durable Goods	Lumber and Wood Products	Furniture and Fixtures	Stone Clay and Glass	Primary Metals	Fabricated Metals	Machinery Except Electrical
1973	1,480.1	884.7	24.6	23.8	68.3	220.8	126.1	137.2
1974	1,464.5	894.1	22.5	22.6	68.1	226.5	126.6	144.5
1975	1,334.8	813.0	18.7	18.0	60.5	205.5	114.1	141.3
1976	1,335.2	804.5	20.4	18.2	61.4	201.9	111.4	136.4
1977	1,341.5	809.3	21.2	18.9	62.3	199.6	111.3	134.6
1978	1,369.2	828.0	21.9	20.2	63.8	199.2	112.5	137.8
1979	1,389.8	853.9	22.5	20.4	65.0	203.2	116.0	142.5
1979 Jul.	1,397.1	861.9	22.9	19.7	67.0	206.8	114.7	142.9
Aug.	1,340.4	852.0	23.1	20.5	66.4	207.1	116.1	141.1
Sep.	1,398.0	861.5	23.0	20.8	65.6	204.7	116.0	143.2
Oct.	1,394.6	860.0	22.8	20.9	65.0	202.5	116.3	144.0
Nov.	1,390.2	857.2	22.2	20.8	64.5	201.9	116.2	142.5
Dec.	1,383.7	853.0	21.7	20.3	64.6	200.7	116.6	143.4
1980 Jan.	1,374.3	846.9	22.3	20.3	62.7	198.7	115.9	146.7
Feb.	1,372.0	845.8	22.7	20.0	62.0	197.3	115.8	146.7
Mar.	1,372.2	846.8	22.7	20.0	62.4	197.4	116.6	146.3
Apr.	1,351.5	836.6	22.4	20.0	61.9	197.3	114.6	146.0
May	1,349.0	824.4	21.9	19.2	60.9	192.5	112.7	144.8
Jun.	1,342.2	814.4	21.6	19.2	60.5	186.0	111.1	144.8
Jul.	1,307.3	797.3	21.0	18.6	59.8	182.8	108.6	141.2

Year and Month	Electric and Electronic Equipment	Transportation Equipment	Instruments and Related Products	Misc. Manufacturing	Total Nondurable Goods	Food Products	Tobacco Products	Textile Products
1973	144.0	73.3	34.8	31.9	595.4	107.3	7.1	62.8
1974	144.7	72.6	36.1	30.0	570.4	104.0	6.6	58.5
1975	126.0	67.6	34.4	27.0	521.8	99.4	5.0	49.9
1976	124.2	67.1	35.5	28.1	530.7	100.2	4.0	50.4
1977	123.0	73.3	37.3	27.8	532.2	98.8	3.6	49.4
1978	123.9	81.8	40.3	26.6	541.2	99.7	4.0	50.6
1979	127.1	87.8	42.9	26.6	536.0	100.1	3.6	48.4
1979 Jul.	129.1	88.5	43.4	26.9	535.2	99.9	3.6	47.6
Aug.	119.4	87.5	43.4	27.4	538.4	101.7	3.5	48.4
Sep.	128.9	89.4	42.8	27.1	536.5	102.2	3.4	48.2
Oct.	128.4	90.1	42.7	27.3	534.6	102.2	3.3	48.0
Nov.	129.2	90.4	42.8	26.7	533.0	101.4	3.3	48.1
Dec.	128.9	88.1	42.8	25.9	530.7	102.1	3.2	47.5
1980 Jan.	129.2	83.3	43.1	24.7	527.4	99.3	3.3	46.7
Feb.	127.1	86.5	43.0	24.7	526.2	97.7	3.2	47.1
Mar.	126.7	86.8	43.2	24.7	525.4	96.8	3.2	47.4
Apr.	125.1	81.6	42.7	25.0	530.1	97.5	3.2	47.4
May	124.2	80.8	42.8	24.6	524.6	97.5	3.1	46.4
Jun.	123.4	80.9	42.8	24.1	527.8	98.5	3.1	46.2
Jul.	121.4	77.8	42.3	23.8	510.0	99.6	3.0	44.2

TABLE 11. MANUFACTURING EMPLOYMENT IN PENNSYLVANIA (concl.)
Industry Group
(Thousands)

Year and Month	Apparel and Related		Paper Products	Printing and Publishing	Chemical Products	Petroleum Refining & Related	Rubber and Plastic	Leather Products
	Total	Women's & Children's Outerwear						
1973	158.0	65.5	45.4	72.2	58.8	19.1	41.0	23.7
1974	148.2	63.0	44.4	69.8	58.6	18.2	40.9	21.3
1975	132.7	58.1	39.9	68.4	55.5	16.4	34.8	19.8
1976	137.2	60.2	42.4	67.6	56.7	16.4	34.9	21.0
1977	134.0	60.0	43.0	69.8	59.0	16.8	38.0	19.9
1978	135.2	61.0	44.4	71.1	59.9	17.3	39.9	19.2
1979	128.8	58.9	44.8	72.1	61.0	17.4	42.0	17.8
1979 Jul.	127.1	57.9	45.1	72.2	62.0	18.1	42.6	17.0
Aug.	126.6	56.6	46.1	71.8	61.9	18.2	42.4	17.8
Sep.	126.5	57.0	45.4	71.7	61.2	17.9	42.4	17.6
Oct.	125.6	56.9	44.6	72.0	61.2	17.7	42.5	17.5
Nov.	124.6	56.5	44.2	72.8	61.1	17.8	42.3	17.4
Dec.	122.5	54.3	43.8	73.5	61.5	17.1	42.0	17.5
1980 Jan.	123.7	55.9	43.7	73.3	61.0	16.8	41.9	17.7
Feb.	126.0	57.6	43.5	73.4	61.1	15.7	41.1	17.4
Mar.	126.2	57.8	43.7	73.9	62.1	14.7	40.1	17.3
Apr.	126.9	57.6	43.4	74.4	62.3	16.8	40.6	17.6
May	125.1	55.4	43.5	74.0	62.5	16.8	38.2	17.5
Jun.	125.0	55.3	44.3	74.4	62.5	17.6	38.6	17.6
Jul.	116.3	50.2	42.5	72.5	61.1	17.3	37.2	16.3

TABLE 12. SELECTED PENNSYLVANIA INDICES
(Not Adjusted)
1967 = 100

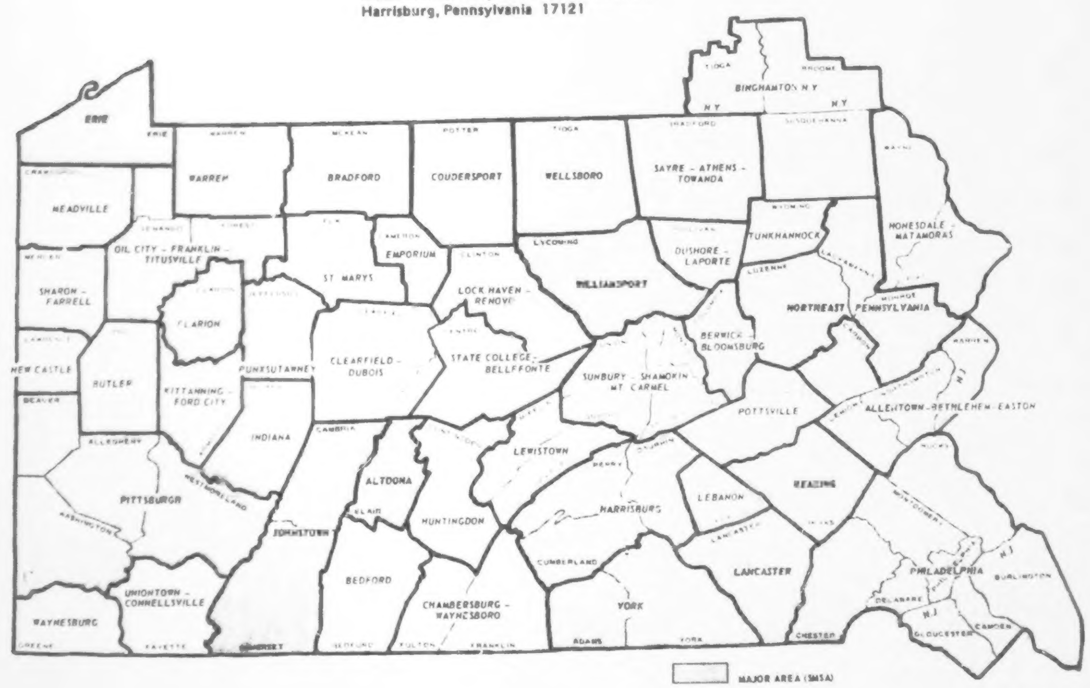
	1980		1979	1978	ANNUAL AVERAGE	
Industry Group	JULY	JUNE	JULY	JULY	1979	1978
EMPLOYMENT						
All Manufacturing	84.0	86.2	89.7	88.3	89.3	87.9
Primary Metals	71.3	72.6	80.7	79.2	79.3	77.7
Apparel	64.8	69.6	70.8	74.8	71.7	75.3
All Nonmanufacturing	131.0	133.3	132.3	130.3	131.8	128.5
Construction	117.9	117.6	125.0	123.2	113.4	109.6
Retail Trade	126.5	128.7	130.0	131.6	130.9	131.0
Services	160.8	162.8	158.1	150.6	157.1	148.1
Government	125.6	130.1	125.1	126.7	127.4	127.8

Labor Market Areas of Pennsylvania

Pennsylvania consists of forty-five labor market areas, twelve of which are major or Standard Metropolitan Statistical Areas. Area names are based on major towns or cities in the areas.

This section provides a very limited presentation of data for selected labor market areas in Pennsylvania. More detailed information is available in Labor Market Letters published monthly in major labor market areas and for selected months in smaller labor market areas. These publications can be obtained from local employment security offices or by addressing requests to:

Office of Employment Security
Research and Statistics Division
Labor Market Information Section
Labor and Industry Building - Room 1225
Harrisburg, Pennsylvania 17121


ERIE
MEADVILLE
WARREN
BRADFORD
COUDERSPORT
WELLSBORO
SAYRE - ATHENS - TOWANDA
BINGHAMTON N.Y.
TIOGA
BROOME
N.Y.
HONESDALE - MATAMORAS
TUNKHANNOCK
DUSHORE - LAPORTE
WILLIAMSPORT
EMPORIUM
ST. MARYS
OIL CITY - FRANKLIN - TITUSVILLE
SHARON - FARRELL
CLARION
LOCK HAVEN - RENOVO
NORTHEAST
PENNSYLVANIA
BERWICK - BLOOMSBURG
NEW CASTLE
BUTLER
KITTANNING - FORD CITY
PUNXSUTAWNEY
CLEARFIELD - DUBOIS
STATE COLLEGE - BELLEFONTE
SUNBURY - SHAMOKIN - MT. CARMEL
POTTSVILLE
ALLENTOWN - BETHLEHEM - EASTON
N.J.
INDIANA
LEWISTOWN
PITTSBURGH
ALTOONA
READING
LEBANON
HARRISBURG
HUNTINGDON
JOHNSTOWN
LANCASTER
PHILADELPHIA
UNIONTOWN - CONNELLSVILLE
BEDFORD
CHAMBERSBURG - WAYNESBORO
YORK
WAYNESBURG
MAJOR AREA (SMSA)

GEOGRAPHIC DESCRIPTION OF MAJOR LABOR MARKET AREAS

ALLENTOWN - BETHLEHEM - EASTON	Carbon, Lehigh, and Northampton Counties in Pennsylvania: Warren County in New Jersey
ALTOONA	Blair County
ERIE	Erie County
HARRISBURG	Cumberland, Dauphin, and Perry Counties
JOHNSTOWN	Cambria and Somerset Counties
LANCASTER	Lancaster County
NORTHEAST	Lackawanna (Scranton Area), Luzerne (Wilkes-Barre Area), and Monroe Counties
PHILADELPHIA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania: Burlington, Camden, and Gloucester Counties in New Jersey
PITTSBURGH	Allegheny, Beaver, Washington, and Westmoreland Counties
READING	Berks County
WILLIAMSPORT	Lycoming County
YORK	Adams and York Counties

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TABLE 13. LABOR TURNOVER RATES IN MANUFACTURING INDUSTRIES MAJOR LABOR MARKET AREAS

(Per 100 Employees)
JUNE 1980

Major Labor Market Area	Employment (Thousands)	Accession Rates								
		Total			New Hires			Recalls		
		Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
PENNSYLVANIA	1,342.2	3.3	2.8	3.6	1.5	1.4	2.6	1.4	1.1	0.7
ALLENTOWN-BETHLEHEM-EASTON	110.6	2.8	2.3	3.1	1.4	1.4	2.2	1.1	0.8	0.7
ALTOONA	13.5	2.3	2.4	2.6	1.1	0.9	1.3	0.9	1.3	1.2
ERIE	42.4	2.9	2.7	3.7	1.2	1.3	2.3	0.9	0.9	0.9
HARRISBURG	42.4	2.4	2.7	4.2	1.7	1.9	3.6	0.5	0.6	0.3
JOHNSTOWN	18.9	1.4	2.7	2.4	0.6	0.8	1.0	0.8	1.2	1.3
LANCASTER	58.6	3.6	2.6	4.6	2.5	1.6	4.1	0.8	0.9	0.3
NORTHEAST	72.5	3.5	3.3	3.9	2.0	1.6	2.3	1.3	1.3	1.4
SCRANTON	27.8	3.3	3.0	3.8	1.6	1.5	1.9	1.6	1.5	1.8
WILKES-BARRE-HAZLETON	39.4	3.1	4.2	3.2	1.7	2.1	1.9	1.1	1.9	1.0
PHILADELPHIA	446.7	3.5	2.9	3.7	2.0	1.8	2.7	1.2	0.9	0.7
PITTSBURGH	242.6	3.2	2.6	2.8	0.9	0.9	2.1	1.9	1.3	0.4
READING	51.9	2.8	2.8	3.4	1.6	1.5	2.5	1.0	1.1	0.8
WILLIAMSPORT	16.8	1.8	1.9	2.3	0.9	0.8	1.4	0.8	1.0	0.6
YORK	64.7	2.8	2.5	4.1	1.5	1.4	3.2	1.1	1.0	0.7

Major Labor Market Area	Employment (Thousands)	Separation Rates								
		Total			Quits			Layoffs		
		Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979	Jun. 1980	May 1980	Jun. 1979
PENNSYLVANIA	1,342.2	3.8	4.1	2.8	0.7	0.8	1.2	3.5	2.7	1.0
ALLENTOWN-BETHLEHEM-EASTON	110.6	3.1	3.7	2.5	0.6	0.7	1.1	1.9	2.4	0.8
ALTOONA	13.5	3.4	2.1	1.2	0.7	0.5	0.8	2.3	1.4	0.1
ERIE	42.4	3.3	3.2	2.2	0.5	1.7	1.0	2.1	1.8	0.4
HARRISBURG	42.4	2.9	3.2	2.4	1.0	1.0	1.4	1.4	1.5	0.2
JOHNSTOWN	18.9	1.3	3.9	2.5	0.3	0.5	0.7	0.1	2.7	0.7
LANCASTER	58.6	2.4	3.0	3.4	1.1	1.1	2.1	0.8	1.3	0.7
NORTHEAST	72.5	4.7	4.9	3.6	1.0	0.9	1.3	3.1	3.3	1.9
SCRANTON	27.8	5.1	4.3	4.3	1.2	1.1	1.2	3.5	2.7	2.7
WILKES-BARRE-HAZLETON	39.4	3.3	5.0	2.4	0.6	0.9	1.2	2.2	3.3	0.9
PHILADELPHIA	446.7	3.6	3.7	3.1	0.9	1.0	1.2	1.9	2.0	1.0
PITTSBURGH	242.6	4.9	5.1	2.0	0.3	0.4	0.6	4.0	4.0	0.7
READING	51.9	3.2	3.6	3.1	0.8	0.9	1.5	1.9	2.1	1.0
WILLIAMSPORT	16.8	1.4	2.6	1.9	0.4	0.5	0.6	0.7	1.8	0.9
YORK	64.7	2.8	4.1	3.7	0.9	1.1	2.0	1.5	2.5	1.2

TABLE 14. AVERAGE GROSS EARNINGS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS IN MAJOR LABOR MARKET AREAS

Major Labor Market Area	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979
PENNSYLVANIA	$287.65	$287.98	$277.31	38.2	38.5	39.9	$7.53	$7.48	$6.95
ALLENTOWN-BETHLEHEM-EASTON	303.77	296.40	278.74	38.5	38.0	38.5	7.89	7.80	7.24
ALTOONA	243.43	247.21	237.16	37.8	37.8	39.2	6.44	6.54	6.05
ERIE	311.85	308.56	282.40	40.5	40.6	40.4	7.70	7.60	6.99
HARRISBURG	282.43	280.80	265.74	39.5	40.0	41.2	7.15	7.02	6.45
JOHNSTOWN	324.75	313.77	302.30	37.5	36.4	40.2	8.66	8.62	7.52
LANCASTER	250.26	257.94	245.01	38.8	39.5	40.7	6.45	6.53	6.02
NORTHEAST	212.34	214.70	197.16	36.8	36.7	37.2	5.77	5.85	5.30
SCRANTON	204.89	206.07	197.11	36.2	35.9	38.2	5.66	5.74	5.16
WILKES-BARRE-HAZLETON	216.50	220.82	195.66	37.2	37.3	36.3	5.82	5.92	5.39
PHILADELPHIA	300.56	297.04	280.40	39.6	39.5	40.0	7.59	7.52	7.01
PITTSBURGH	350.74	347.00	349.42	38.5	38.3	41.4	9.11	9.06	8.44
READING	273.47	272.61	244.22	38.9	39.0	38.1	7.03	6.99	6.41
WILLIAMSPORT	276.67	269.01	236.74	39.3	39.1	38.0	7.04	6.88	6.23
YORK	258.90	268.27	255.23	38.7	40.1	41.3	6.69	6.69	6.18

TABLE 15. RESIDENT EMPLOYMENT AND UNEMPLOYMENT
MAJOR LABOR MARKET AREAS

Area	Rate of Unemployment					
	July 1980		June 1980		July 1979	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
UNITED STATES	7.9	7.8	7.8	7.7	5.8	5.7
PENNSYLVANIA	9.3	9.5	8.0	7.7	6.3	6.5
ALLENTOWN-BETH-EASTON	8.8	8.3	7.5	7.6	6.7	6.4
ALTOONA	10.2	10.6	8.6	8.5	7.4	7.6
ERIE	10.0	10.0	9.2	8.7	6.1	6.1
HARRISBURG	6.7	6.9	5.9	5.4	4.4	4.6
JOHNSTOWN	13.7	14.4	11.9	12.6	7.8	8.3
LANCASTER	6.4	6.7	6.0	5.5	4.1	4.3
NORTHEAST	12.2	11.4	9.6	9.6	9.6	9.0
SCRANTON	12.1	10.7	8.6	8.5	10.6	9.4
W BARRE-HAZLETON	12.7	12.1	10.4	10.4	9.2	8.8
PHILADELPHIA	7.9	7.9	7.2	6.5	6.5	6.4
PITTSBURGH	8.6	9.0	7.7	7.1	5.1	5.3
POTTSVILLE	13.1	-	10.1	-	9.7	-
READING	9.8	9.0	8.3	7.1	5.8	5.3
UNIONTOWN-CONNELLSVLE	16.0	-	12.1	-	7.6	-
WILLIAMSPORT	13.2	13.3	11.8	11.8	8.3	8.3
YORK	9.2	8.2	7.3	6.7	5.9	5.2

(Thousands)

Area	Total Civilian Labor Force			Total Employment			Total Unemployment		
	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun 1980	Jul. 1979
UNITED STATES	106,997.0	106,067.0	104,995.0	98,587.0	97,776.0	98,891.0	8,410.0	8,291.0	6,104.0
PENNSYLVANIA	5,417.0	5,396.0	5,387.0	4,915.0	4,963.0	5,047.0	502.0	433.0	340.0
ALLENTOWN-BETH-EASTON	307.6	307.0	303.0	280.6	284.0	282.7	27.0	23.1	20.4
ALTOONA	61.1	61.3	59.0	54.9	56.0	54.7	6.2	5.3	4.3
ERIE	129.0	129.6	127.4	116.1	117.7	119.7	12.9	11.9	7.7
HARRISBURG	222.1	220.2	223.0	207.3	207.1	213.3	14.8	13.0	9.7
JOHNSTOWN	111.0	111.6	111.3	95.8	98.3	102.6	15.2	13.3	8.7
LANCASTER	179.5	178.9	178.1	168.1	168.2	170.7	11.4	10.8	7.3
NORTHEAST	293.7	285.8	292.0	258.0	258.4	264.0	35.7	27.4	27.9
SCRANTON	108.3	104.3	109.0	95.2	95.3	97.4	13.1	9.0	11.6
W BARRE-HAZLETON	158.6	154.8	156.2	138.5	138.7	141.7	20.1	16.1	14.4
PHILADELPHIA	2,150.7	2,148.1	2,129.7	1,979.9	1,994.2	1,992.2	170.8	153.9	137.5
PITTSBURGH	1,025.3	1,027.8	1,031.3	936.7	949.0	978.9	88.5	78.8	52.4
POTTSVILLE	68.1	66.7	68.5	59.1	59.9	61.9	8.9	6.8	6.7
READING	154.3	155.2	152.3	139.1	142.4	143.5	15.2	12.8	8.8
UNIONTOWN-CONNELLSVLE	61.4	58.7	60.2	51.5	51.6	55.6	9.8	7.1	4.6
WILLIAMSPORT	53.6	53.3	52.5	46.5	47.0	48.2	7.1	6.3	4.3
YORK	175.2	175.2	174.5	159.0	162.4	164.2	16.1	12.8	10.3

TABLE 16. EMPLOYMENT IN MAJOR LABOR MARKET AREAS
ESTABLISHMENT DATA (Number of Jobs)
(Thousands)

1/ STATE and AREA data include persons involved in labor management disputes; not included in U.S. data.

Area	1/ Nonagricultural Wage and Salary			Private Sector *		
	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979
UNITED STATES	89,735.0	89,973.0	90,018.0	73,566.0	73,748.0	74,659.0
PENNSYLVANIA	4,737.7	4,829.8	4,860.4	4,016.2	4,085.7	4,142.8
ALLENTOWN-BETHLEHEM-EASTON	262.5	267.0	263.6	233.2	236.8	234.3
ALTOONA	54.3	55.6	53.7	45.8	46.5	46.3
ERIE	116.1	117.9	119.0	101.4	102.8	104.7
HARRISBURG	217.2	217.6	222.0	162.5	162.8	166.5
JOHNSTOWN	86.4	89.2	92.3	71.6	73.1	76.6
LANCASTER	151.3	152.1	153.1	136.2	137.4	139.5
NORTHEAST	242.5	243.7	246.6	202.1	204.0	205.6
SCRANTON	85.7	86.6	86.2	73.4	74.9	73.3
WILKES-BARRE-HAZLETON	125.7	126.2	130.5	104.9	105.8	109.4
PHILADELPHIA	1,922.5	1,943.5	1,931.8	1,619.9	1,635.6	1,629.8
PITTSBURGH	942.0	957.4	974.4	812.0	817.6	851.7
POTTSVILLE	47.3	48.1	49.1	38.5	39.2	40.6
READING	135.2	139.0	138.6	119.5	121.2	123.5
UNIONTOWN-CONNELLSVILLE	35.2	35.5	37.9	27.9	27.7	30.1
WILLIAMSPORT	46.5	47.2	47.9	40.1	40.7	41.6
YORK	152.5	156.1	156.3	133.9	136.6	138.2

Area	Manufacturing			Nonmanufacturing		
	Jul. 1980	Jun. 1980	Jul. 1979	Jul. 1980	Jun. 1980	Jul. 1979
UNITED STATES	19,742.0	19,999.0	21,054.0	69,993.0	69,974.0	68,964.0
PENNSYLVANIA	1,307.3	1,342.2	1,397.1	3,421.3	3,481.2	3,455.5
ALLENTOWN-BETHLEHEM-EASTON	107.8	110.6	109.9	154.2	156.4	153.4
ALTOONA	12.7	13.5	13.4	41.5	41.7	40.3
ERIE	41.3	42.4	44.8	74.6	75.3	74.2
HARRISBURG	42.1	42.4	43.9	175.0	175.1	178.0
JOHNSTOWN	18.5	18.9	21.0	67.0	69.3	71.3
LANCASTER	57.7	58.6	61.1	93.6	93.5	91.9
NORTHEAST	69.7	72.5	71.8	172.4	170.8	174.6
SCRANTON	25.9	27.8	26.4	59.8	58.8	59.6
WILKES-BARRE-HAZLETON	38.7	39.4	40.8	86.7	86.5	89.7
PHILADELPHIA	438.3	446.7	456.7	1,482.2	1,495.9	1,474.8
PITTSBURGH	241.3	242.6	260.1	699.1	712.8	711.2
POTTSVILLE	18.7	19.4	20.4	28.6	28.7	28.7
READING	50.5	51.9	54.3	84.7	87.0	84.3
UNIONTOWN-CONNELLSVILLE	6.6	6.9	8.1	28.5	28.5	29.8
WILLIAMSPORT	16.1	16.8	17.8	30.4	30.4	30.1
YORK	62.8	64.7	65.9	88.6	91.3	90.2

* Excludes Government employment